HARRIS INSTITUTE

PRESTON.

TWENTY-FIRST

ANNUAL REPORT

AND

Statement of Accounts,

FOR TAE

Year Ending 30th September, 1903.

PRESTON:
MATHER BROS., Exchange Printing Works, Lune Street.
1904.

HARRIS COUNCIL,

1903-1904.

President,

Mr. WM. ASCROFT, J.P.

Vice-President

The Rev. GEO. STEELE, M.A.

Mr. R. W. Ascroft, M.A., B.C.L.
Mr. H. Bell.
Mr. Y. W. Booth, J.P.
Mr. H. Calvert.
*Mr. H. Davies, J.P.
Mr. E. Dickson.
Mr. R. F. Easterby.
Mr. J. Y. Foster.
*Mr. Ald. E. Greenwood, J. P.
Mr. J. H. Hammond, M.D., J.P.
Mr. H. P. Hornby, J.P., C.C.
Mr. F. Hollins, J.P.
*Mr. Ald. W. B. Roper, J.P.
Mr. J. J. Sidgreaves, J.P.

Representing the Corporation of Preston.

Mr. Ald. M. B. Copland, J.P.
Mr. Ald. J. C. Hamilton, J.P.
Mr. Councillor E. J. Andrew.
Mr. Councillor H. Cartmell.
Mr. Councillor J. Rigg.
Mr. Councillor J. J. Rawsthorn.
Mr. Councillor J. R. Smith.
Mr. Councillor C. White.

Representing the County of Lancaster.

Mr. R. C. Assheton, J.P., C.A.
Ven. Arch. R. C. Fletcher, M.A., C.A.
Rev. L. C. Wood, B.A., C.A.

Representing Victoria Universities.

Prof. Capper, (Manchester).
Prof. W. H. Woodward, M.A. (Liverpool).

* These Members of the Council are on the Corporation of Preston.

Secretary and Registrar,

T. R. JOLLY, F.C.I.S.

Officers and Committee, 1904.

General Purposes Committee :

Chairman : Mr. W. Ascroft. *Vice-Chairmen :* The Rev. Archdeacon Fletcher and Mr. H. Davies.

All Members of the Council are on this Committee.

Finance Committee :

Chairman : Mr. Y. W. Booth. *Vice-Chairman :* Mr. J. J. Sidgreaves.

Mr. E. J. Andrew	Mr. R. F. Easterby	Mr. J. Y. Foster
Mr. R. W. Ascroft	Ven. Archdeacon Fletcher	Mr. W. B. Roper

Agricultural Committee :

Chairman : Rev. L. C. Wood. *Vice-Chairman :* Mr. R. C. Assheton.

Ven. Archdeacon Fletcher	Mr. F. Hollins	Mr. J. Y. Foster
Mr. J. H. Hammond	Mr. H. Hornby	Mr. J. J. Sidgreaves

Avenham Institute Committee :

Chairman : Rev. Geo. Steele. *Vice-Chairman :* Mr. E. Dickson.

Mr. R. W. Ascroft	Mr. Henry Davies	Mr. J. H. Hammond
Mr. Y. W. Booth	Mr. R. F. Easterby	Prof. W. H. Woodward
Mr. J. C. Hamilton	Mr. W. B. Roper	Prof. Capper
Mr. H. Cartmell	Mr. J. Rigg	

Technical School Committee :

Chairman : Mr. F. Hollins. *Vice-Chairman :* Mr. E. Greenwood.

Mr. H. Bell	Mr. H. Calvert	Mr. J. Y. Foster
Mr. Y. W. Booth	Mr. Henry Davies	Mr. J. R. Smith
Mr. M. B. Copland	Ven. Archdeacon Fletcher.	Mr. C. White

Domestic Economy School Committee :

Chairman : Dr. Hammond. *Vice-Chairman :* Rev. Geo. Steele.

Mr. E. Dickson	Ven. Archdeacon Fletcher	Mr. J. Y. Foster
Mr. R. F. Easterby	Mr. J. J. Rawsthorn	Mr. W. B. Roper
		Mr. C. White

The President and Vice-President are on all Committees.

TWENTY-FIRST

ANNUAL REPORT

OF THE

Council of the Harris Institute,

PRESTON.

THE Harris Institute has now been in existence for 21 years, and the Council can look back with satisfaction upon its career of much practical usefulness. During the past year no change has taken place in the personnel of the council, but several changes have taken place in the staff. Those who have left have in all cases left to take up more lucrative positions elsewhere. Dr. Crowther, who has been appointed lecturer on chemistry at the Yorkshire College, has been succeeded by Mr. R. H. Jones, M.Sc.; Mr. L. R. Wheatcroft resigned his position in the pupil teachers' centre, and has been succeeded by Mr. H. H. Hughes, B.Sc. The following additional members of the staff have been appointed:—Mr. G. E. Gittens, Inter. B.Sc., and Mr. W. A. Holden, Inter. B.Sc., in the electrical engineering, and Mr. E. C. Moyle, A.R.C.Sc. as assistant in the mechanical engineering department. The new members of tbe staff are gentlemen well qualified, and have adequate attainments. The new Education Act has not yet come into active operation, but will probably do so in April next. The Education Committee for

the County Borough of Preston has been constituted, consisting of several members of the Corporation and a due proportion of co-opted members. The president and vice-president of the Institute are such members. The agricultural school is still carried on with much success on the same terms as before. It has received additional recognition from the Board of Agriculture and Fisheries, who have made a grant to the Institute, in respect of the cost of its working, of £150. This, along with the grant from the County Council of Lancashire, about covers its annual cost. The school is attended by sons of farmers from all parts of the county. The number of students this year is 56. The result of the teaching as tested by the examination of the Royal Agricultural Society, has been highly successful hitherto. The Principal of the school is now appointed directly by the County Council. Some uncertainty appears to exist as to the continuance of this school under the present arrangements, it being supposed that the County Council have the desire that in future the school should be conducted directly by their own committee rather than by the council of the Institute. In that case the grant made by the County Council would be withdrawn, the result of which would not be a loss to the Institute, as the expenses of the school have about absorbed the grants received directly towards its maintenance. In any case it is hoped that the school may be continued as at present or directly by the County Council, as it has been the means of imparting much useful instruction to large numbers of young people qualifying themselves for agricultural pursuits. The council of the Institute felt themselves much indebted for the recognition and aid accorded to them by the Board of Agriculture and Fisheries to the late Right Hon. R. W. Hanbury, M.P., whose loss is felt to be a local and also a national one. The Corporation of Preston have this year made to the Institute a grant of £1,500, which has enabled the council to carry on the work of the Institue with efficiency and also to reduce the adverse balance which had mainly been contracted in the equipment of the trade schools. The trustees of the late Mr. John Billington Booth have made to the Institute an additional grant of £300 towards the fitting and completing the engineering schools, and the firm of Messrs. Dick, Kerr, and Co. have promised a grant of £500 towards the cost of the electrical engineering school. Considerable advancement has been made in equipping the electrical and mechanical laboratories. The day classes arranged with organised three years courses are attended by 14 students, and the evening classes in all the trade subjects have been well attended, a result to which the excellent equipment of the rooms has in some degree contributed. The distribution of prizes took place in the Public Hall, in the presence of

a large gathering. by Sir Wm. Anson, Bart., M.P., D.C.L., the Parliamentary Secretary of the Board of Education. Sir William gave an excellent and practical address. He had in the afternoon made an inspection of the Technical School, and expressed himself well satisfied with the building and its equipment. The number of students is as follows :—Entries on registers, 6,115 ; average attendance at end of December, 5,559; individual students, 3,866. The excellence of the school cannot be tested solely by numbers or successes at the various examinations, and whilst the Institute shows a satisfactory record in these respects, the council believe that they are justified in saying that the classes generally are working well, and that a harmonious spirit pervades the entire staff. The council desire to accord their thanks to the following gentlemen :—Mr. John Crompton, City and Guilds of London ; Mr. Mr. James Redman, Lord Bros., Todmorden ; Professor Stansfield, Technical School, Blackburn ; Professor Popplewell, Technical School, Manchester, for lectures in trade subjects at the opening of the session ; and thanks are also due to the following :—Mr. E. A. Stanley, Electric Carriage Works, for samples of timber ; Mr. J. Crompton, Wardley, for book of weaving designs ; Mr. G. Clayton, Peel Hall-street, for samples of healds ; Messrs. F. Riding and Sons, Preston, for dobby twine and heald cord ; Messrs. W. Archer and Son, Bolton, for Jacquard machine ; Messrs. Hattersley, Leeds, for two large woven designs ; Messrs. R. Hall and Sons, Bury, for models of machinery ; Mr. Henry Green, Gas Office, for the opportunity afforded to students to inspect the process of gas manufacture.

HARRIS INSTITUTE.

Proceedings of the Annual Meeting,

Held 31st December, 1903.

THE annual meeting in connection with the Harris Institute was held in the Technical School, Preston, on Thursday afternoon, December 31st. Mr. W. Ascroft, J.P. presided, and there were also present Alderman J. Y. Foster, Alderman Hamilton, Alderman Greenwood, Councillor Andrew, Councillor Rigg, Councillor Cartmell (Christ Church), Mr. Y. W. Booth, J.P., Mr. R. W. Ascroft, Dr. Hammond, and the Rev. George Steele with Mr. T. R. Jolly (secretary).

Only one nomination was put in for a member of the council, namely, Professor Weiss, of the Victoria University, Manchester, who, the chairman said had been connected with the Institute for some time, and whose advice and information were most valuable. Professor Weiss had not been among them very often, but he had always been ready to give them the benefit of his experience.

Professor Weiss was elected a member of the Council on the motion of Alderman Greenwood, seconded by Alderman Foster.

The report (see page 5) was read by the secretary.

In moving the reception of the report, the Chairman wished the members of the Council a happy New Year, and

said he hoped that during the ensuing twelve months the Institute might do even more good than it had done in the past. There were one or two matters in the report which he wished to refer to, and the first was with regard to the staff. During the past year they had had several changes, and these had been brought about by the teachers being offered positions of greater emolument and importance. The better their staff was the more they were exposed to this kind of thing, and the only possible way of keeping teachers in such cases was by giving them higher remuneration. Unfortunately they had not been in a position to do that, but he was pleased to say that all the vacancies had been filled up by gentlemen who were quite as competent as their predecessors. Referring to the new Education Act, Mr. Ascroft said it would undoubtedly bring about some changes in the educational system of the town, but he trusted that no great amount of change would take place in connection with the Institute. They would have to raise the standard of instruction to pupil teachers, for the Government desired to increase the standard of the pupil teachers in elementary schools by subjecting them to a more thorough scientific training. They would therefore have to remodel their arrangements with regard to teachers to suit the change of circumstances, for they all desired to raise the standard of teaching, and to make teachers even more efficient than they were at present. Another point which they would have to consider was what could be done with regard to the establishment of a higher grade school. Possibly this would become the work of the Education Committee of the town, because at present there was a great gap between the elementary school and the Institute, which ought to be filled by some kind of school capable of dealing with higher educational work. They would see from the report that last year the Preston Corporation granted them £1,500. He hoped that this would be continued next year, because without doubt the expenses of the Institute would idcrease, for they would require an increase of staff in some directions. He felt quite satisfied that they could not carry on the Institute in a proper manner with a smaller amount than they were receiving at present. With regard to the agricultural school, he made some remarks about it at the distribution of prizes to the effect that the County Council proposed to carry on that institution in the future, and if they did so, no difficulty would be raised on the part of the Council of the Institute. They had carried on the school of agriculture for a number of years at the request of the County Council, although a doubt was expressed as to whether or not such work came within their province. Still they felt that it was a work of great importance ; that there was no other body

to take it up, and that it was desirable to concentrate the work in Preston. It had been to them a work of considerable anxiety and responsibility, but they felt that it had done good and been productive of very friendly co-operation between the County Council and the Council of that Institute. A large number of young men had passed through their classes, and the successes at the examinations by the Royal Agricultural Society had been very remarkable. No other institution of the kind in the kingdom had produced results which approached those of the Harris Institute, and he thought this showed that they had done their part of the work willingly, well, and with great regard to efficiency. If they could help the County Council in any way, he was sure they would at all times be pleased to do so, and they hoped that if the school was taken over by the County Council it would be as successful as it was when under their control—(hear, hear). He might say that the school had not benefited them pecuniarily, although it had not been an actual loss, but they felt satisfied with their work because they realised that it had been productive of much good. In conclusion, the Chairman said they felt very grateful for the handsome gifts from the executors of the late Mr. Billington Booth, and also from Messrs. Dick, Kerr, and Co., who had promised to give them work to the amount of £500 in the fitting up of the electrical engineering school. They expected to receive the work in the early part of next year, and when it had been completed he thought the school would be as effective and thoroughly fitted up as any other in the country—(applause).

Alderman Greenwood, in seconding, said he was pleased to see from the report that during the past year the Institute had made great progress. It had done a most important work in the past, and he hoped that its sphere of usefulness would be even greater in the future.

Alderman Foster also supported, and said the progress during the past year had been in the direction in which, in his opinion, the Institute had been lacking in the past. He referred to the trade in which he was connected, and which used to be the second industry in the town. Thanks to the trustees of the late Mr. Booth, they now had an excellent engineering school, and he was sure when they got the gifts from Messrs. Dick, Kerr, and Co., the electrical school would be well equipped. He had had many opportunities of knowing the benefit which the equipment of these schools had been to the young people of the town, and he felt satisfied that the Institute was doing a good work. As regarded the contribution from the Corporation

he felt that the amount ought to be continued, and, if possible, augmented. They could find a use for more money, for, notwithstanding the efforts which were being made in the direction of technical instruction, we were still behind America and Germany.

Mr. Y. W. Booth moved a vote of thanks to the Chairman and said that for twenty-one years he had occupied the position of chairman of the Institute. Since the establishment of the institution he had worked very hard and given a large amount of time, and when they considered that in the intervening period the number of students had risen from 328 to 3,866, they would see that a great amount of work had been done. He was sure that the name of Ascroft would ever be associated with the educational work of the town, and particularly of the Harris Institute. Proceeding, Mr. Booth said a great difficulty which they had had to contend with in their work was the gap which existed between children leaving the elementary schools and entering the classes at the Institute. Now that they had so many able members of the Corporation among them, and a local Education Committee was formed, he hoped they would keep this matter before them, because they must consider that the greater part of the children who now attended the elementary schools would ultimately come to them, and their interests should be attended to. It was deplorable to see the amount of time which had to be spent, in teaching children who had left the elementary schools, the very elements of the English language. If the committee could see their way, either by secondary or other education, to do something it would help to promote the intelligence of the children of Preston—(hear, hear).

Dr. Hammond, in seconding, said Mr. Ascroft had been a member of this Institute since its formation, and he agreed that his name would always be associated with the educational work of Preston. The inhabitants of the town owed a deep dept of gratitude to Mr. Ascroft for the service he had rendered to the Institute, and the admirable manner in which he had looked after its development.

The motion was carried with acclamation.

Mr. Ascroft, in responding, said it had always been a pleasure to him to work on behalf of the Institute. During the time the Institute had been in existence some 15,000 students had been connected with it, and he thought this was

a fact of which they should be very proud. The Institute was without doubt worthy of the support of the Corporation and others who had the power of helping it, for it was almost impossible to imagine the great amount of good which it was capable of doing, and the benefit to arise from it to the industries of Preston.

The meeting then terminated.

. Distribution of Prizes .

TO THE STUDENTS BY

Sir WILLIAM ANSON M.P., D.C.L.

THE Annual Distribution of Prizes in connection with the Harris Institute was held in the Public Hall, on Tuesday night. Mr. W. Ascroft, J.P., president of the Institute, presided over a very large audience. The principal speaker was Sir Wm. R. Anson, M.P., D.C.L., Parliamentary Secretary to the Board of Education. The meeting was full of interest from start to finish. The Harris Institute is an institution that has rapidly grown, and its growth has been of inestimable benefit to the town. The modern methods of education there adopted, together with the moderate rates at which students may acquire a thorough education, have made the institution a real boon to the workers and others of moderate means whose love for learning has led them to attend the classes. It would be difficult to conceive of any asset that a town like Preston could have that would have more of real and permanent value than the Harris Institute. The large audience present last night showed moreover by their very keen appreciation that the interest of education such as the Institute gives were watched carefully by a large section of the population.

The proceedings of the meeting were rendered more enjoyable by the admirable performance of the Harris Choir, under the capable conductorship of Mr. James Smith. The programme of pieces gone through by the choir comprised the

following part songs :—" Cyclists " (Pearson), ' Excelsior " (Balfe), " The Message " (Caldicott), " O happy eyes " (Elgar), " O my love is like the red, red rose ' (Cornwall), " Songs of the Vikings " (Fanning), " Hunting Song " (Sir J. Benedict). In the singing of the part songs the choir preserved an admirable balance, and their renderings were characterised by that appreciation of effect which make choric singing such a delight to the music lover. Mr. Smith conducted in a manner well calculated to bring out the best qualities of the musical selections, whilst Mr. James Tomlinson, the Corporation organist, accompanied on the organ with that ability that always characterises his interpretations.

On the platform, with the chairman and Sir W. R. Anson, were the following gentlemen :—His Worship the Mayor (Alderman J. Craven), Aldermen Davies, Greenwood, and J. Y. Foster, Archdeacon Fletcher, Dr. Hammond, J.P., Rev. Geo. Steele, M.A., Rev. J. Pimblett, Mr. J. C. Iles (H.M. Inspector of Schools), Mr. H. Bell, Mr. Y. W. Booth, J.P., Mr. R. F. Easterby, Mr. E. Dickson, and the secretary of the Institute (Mr. T. R. Jolly), to whose organising ability the capital arrangements of the demonstration were due.

The Chairman, in the course of his opening address, said : We are fortunate to-night in having the advantage of the assistance of Sir Wm. Anson, a gentleman of great University distinction, the head of the Education Department in the House of Commons, and the gentleman most largely concerned in the administration of the new Education Act—(applause). In Preston that Act is likely to be well administered, and it will, I believe, greatly stimulate the work of education, and be the means of improving the educational arrangements of the town. It is too early to forecast the work which will be undertaken, but it is pretty safe to say that there is a general desire to make the Act as useful as possible, and to discharge the responsibilities imposed on the different authorities and organisations with the single object of benefiting so far as possible the inhabitants of the town and district—(hear, hear). With regard to the Harris Institute, I have to report a condition of prosperity and usefulness. The prospectus has been carefully arranged. The staff and teachers are working together in a spirit of great harmony and earnestness—the numbers of students and results of examinations are entirely satisfactory, and the expenditure for the last year has been well within the income. In the future some changes will undoubtedly become necessary with regard to the pupil teacher's branch, which, however, is well able to fulfil the obligations

now placed upon it. New arrangements are in prospect with the object of providing for pupil teachers a course of education broader and more thorough than that at present required, and to meet these requirements the pupil teachers' branch must necessarily be augmented. It is obviously an important matter that those who are to become the future teachers of the great bulk of the people should be well prepared. The Board of Education, if I may say so with respect, are showing an enlightened appreciation of the great importance of a more scientific preparation for their work on the part of those who are intended for the teaching profession—(hear, hear). The excellence of a school in all essential particulars depends upon the teaching staff, who to a school are as the officers to a ship or a regiment. To meet these demands some augmentation of this branch of work will be required. Our School of Agriculture, carried on in conjunction with the County Council and by the aid of the Board of Agriculture and the County Council, is in a state of great efficiency. The students number at present about 56, drawn from all parts of the county. (The results of the recent examinations were here stated). The County Council are credited with the intention of taking this school into their own hands. No difficulty will be raised on the part of the council of the Harris Institute. We have for several years conducted this school with considerable success, but with no pecuniary benefit to the Institute. We have the satisfaction of thinking that the school has been the means of doing great good in training numbers of young farmers in a scientific knowledge of their work. Very marked success has been obtained in the examinations—none so good elsewhere. It has been and is a thoroughly good, practical school, and however it may be continued in the future, whether as at present or directly by the County Council, I hope that it may continue to be as efficient and as successful as it has been in the past—(applause). During the last year we have received very generous help. The representatives of the late Mr. John Billington Booth, of whom Mr. Yates Booth is the survivor, have given us an addition of £300 to their previous gift of £2,000, towards the equipment of the schools of mechanical and electrical engineering—(applause). Mr. Yates Booth has been an active member of our council since its formation, and I am glad to have this opportunity of expressing our sense of obligation to him and his colleague, the late Mr. Ashhurst, and our satisfaction that these gifts enable us to associate with this part of our work the name of Mr. Billington Booth, who for many years took an active part in the operations of the old Mechanics' Institution. In this connection I am greatly pleased to acknowledge the generous promise of £500 in value

of work on the part of the firm of which Mr. Kerr is a member and which will enable us to complete the fitting up of the room for electrical engineering in a thorough and efficient manner—(applause). The schools for the different trades – the cotton spinning and weaving, engineering, wood-work, building, and plumbing, are now fitted up most thoroughly. These subjects are taught by competent men, and are able to provide the inhabitants of Preston with a thorough scientific training in the principles of the trades on which our prosperity depends. In the schools some instruction is given in the use of machinery, but the primary object is to teach the meaning of every operation, students being taught to think for themselves and to help themselves. Industry and science are dependent on each other, and their judicious combination is necessary to modern success. If I were to go over the subjects taught, the details of the work, and the qualifications of the staff, I should occupy more time than is at my command. It will suffice if I very shortly give the number in attendance, which constitutes a record, and the results of the recent examinations. (These numbers were here stated, the number of individual students being 3,860). It is obvious that the Harris Institute is an institute of great value. The interests of the town require that its work should be fostered, encouraged, and enlarged in a generous and enlightened spirit. Great numbers, thousands have gone through its classes in the 21 years of its existence. All of these have had the opportunity of increasing their efficiency in their several occupations, adding to their wage-earning power and their usefulness to their employers. We have records of many old students who, by reason of their knowledge acquired in the past, have greatly raised their status in life—(applause) In the future undoubtedly some portion of the work of the Institute of the more elementary kind must be taken up by other agencies, and gradually, but not too hastily, a good deal needs to be done in the way of co-ordinating our local educational work. But I am convinced that the Harris Institute must in the future, as in the past, stand out as an educational institution of great importance, producing a most beneficial effect upon the intellectual, social, and material condition of our people – (applause).

Sir W. R. Anson then distributed the prizes.

Sir W. R. Anson, who had a most cordial reception, said having discharged the pleasant duty of distributing the prizes, there fell upon him the not unfamiliar duty of saying a few words to them on subjects more or less connected with education. He would refer principally on that occasion to some of

the characteristics of the Institute, and he might say that prior to coming there that night he had heard much about this place. That afternoon, however, he had had the great advantage of visiting a portion of it, and he might say he was especially struck with the breadth of view and the wide educational outlook of those who had founded that Institute and tended it since. It appeared to him to cover a great part of the field of education, stretching out its hands on one side to the elementary schools, by providing centres for woodwork and cookery for the children of the town, and on the other side joining with the Victoria University, thereby giving its students the opportunity of counting one year out of the three that must be spent at one or other of the university colleges, on their way to a degree. In addition to these two educational features came the schools of art, technology in its various branches, and its pupil teachers' centre. He could not touch upon all these branches of the educational work, and therefore if he made but passing mention of some of them they must not think that he was neglecting them. He was well aware of the great value of the school of art, also the great distinction which the pupils in that school had attained, and if he said no more about it in the few minutes which he had at his disposal, it was not that he under-valued it, but because it did not fall into the scheme of the address which he had to deliver. Touching on the elementary side of the Institute, namely, the cookery and woodwork, Sir William said he believed these classes of practical work were of a very important nature, and would become of a still more important nature in our elementary education—(hear, hear). He believed the system needed elasticity, and that there were many boys and girls who would be willing to prolong their education in the elementary school if they could see that any part of its teaching had some particular bearing on their after life. These classes for woodwork and cookery were samples of the sort of educational interest which they might create, which they should advance more in the future, and which might prolong the short period of education which was often allowed to boys and girls who had to make their way in life—(applause). As regarded the study of woodwork, no doubt it was of special value to the boys who were going into the carpentery trade, but it was of general value to the training for the hand and eye, and as such it was mainly pursued at the Institute. In regard to the cookery classes, one could only recall the words of Dr. Hopkinson when he addressed a similar assemblage on the same subject two years ago. Dr. Hopkinson said that cookery was a more important subject than people were willing to admit. Many persons, whatever their politics, would be far more ready to hear of a change in the Government

than have an intimation that their cook was going to leave them. Dr. Hopkinson also adverted to the wastefulness which was caused through bad cooking, and thought it was equivalent to that caused by intemperance—(laughter). He (Sir William) thought that Dr. Hopkinson should have gone further, and urged temperance reformers to take up this subject of cookery as an instrument in their campaign, and probably it would have been more successful than some of the things they were trying —(laughter). There could be no doubt that when some parts of a man's dinner were unpalatable, he turned with greater readiness to the liquid part, and there was no greater incentive to use stimulants than that trouble of indigestion which arose very often from bad cooking—(laughter). He hoped he was not wrong in impressing upon them that the subject of cookery had a somewhat elevating social influence, and for that reason he wished the cookery classes at the Institute all possible success--(hear, hear). With regard to the connection between the Institute and the Victoria University, he thought the arrangement was an excellent one for both parties. At the Institute it secured to the students that high ideal and standard of study which was brought about by the close connection with the University. To the Victoria University it secured students who meant business, who did not go there for pleasure or social advantages, but who began their University career in Preston with the idea of carrying it on at either Manchester or Liverpool. What a student learned from his friends and companions what he read or heard from his tutor, what he gathered from lectures or books, all went to make his learning, a part of his very existence. There was no more important lesson to teach a learner than this, that it was not what he was told or what he read that was good for him, but rather what he had turned over in his mind or in conversation with his friends, and in that way made a part of his intellectual being—(applause). Turning to the subjects of the Technical School, the speaker said he noticed that technology covered plenty of ground. It covered the field of those classes which took up the ordinary work of a particular trade, and showed to the student why those things which he had seen going on in every day life took place. The classes also dealt with the higher form of technology convergence of various branches of science upon a particular industry, that sort of technical instruction which made the men who were to be the managers of, and the leaders of our industries—(hear, hear). It made them get rid of the old notion that if they knew how a thing was done, without knowing why, they could go on doing it. That condition o work excluded the idea that advancement with scientific knowledge meant advancement in industrial progress. Continuing,

Sir William Anson said that one of the most important parts of the work of the Institute was that of a pupil teachers' centre. He would like to impress upon learners, and teachers, upon local authorities, and upon the Chancellor of the Exchequer the immense importance of these institutions in the present educational system. They were spending now from taxes alone nearly £10,000,000 upon elementary education, let alone what the unfortunate ratepayer had to contribute to the elementary education of the country. He believed that Preston had been singularly fortunate in having been spared an education rate—(hear, hear) - but if they asked what had been spent by the ratepayers in other parts of the country they would find that it was no inconsiderable sum. The taxpayer spent in addition to that a sum of £300,000 per year upon the training of teachers at colleges and hospitals, and a small sum of £80,000 upon pupil teachers. Now, what was the result? They were told over and over again that the boys and girls who proceeded no further than the education of the elementary school soon forgot the habit of reading and the practice of writing, that their education broke off there, and their learning passed away as if it had never been, and they were further told that owing to this deficiency in their elementary education of progressive study boys and girls had, when they did decide to go on with their learning, to be taught over again what they ought to have learned and assimilated once for all at the elementary school. Why was this? It was because they lacked trained teachers, because there was barely one trained teacher to 125 children receiving elementary education. That was our shortcoming in the staffing of the elementary school. The authorities of the training colleges told them that the time they ought to spend in training their pupils had to be occupied in taking them through the material they ought to have brought with them from the elementary schools. That was because that all important period of a boy or girl's life—the age between 14 and 18—was neglected, because the pupil teacher tried to teach in the time when he ought to be learning, and because the time that the pupil teacher was able to spend at the pupil teachers' centre was miserably short in comparison with the time he had to spend in teaching in the school (hear, hear). He was informed that the proportion in this district was something like 1½ days at the pupil teachers' centre to 4½ days in the school. He would like to impress upon all interested in education that we were wasting—well, he would not say wasting, but not getting value or anything like value for, the millions the country spent on elementary education—(hear, hear). They were not getting the full value for the hundreds of thousands spent upon training colleges if they did not pay more attention to this

period when the boy or girl, after leaving the elementary school, was beginning to prepare for the career of a teacher. He was rejoiced to find that at the pupil teachers' centre in connection with the Technical Institute there were secondary classes and that more and more time was given to the pupil teacher for learning suitable subjects, and that when the time came for him to go to a training college he was prepared so as to get the full benefit of the college, and would not have to spend a great part of his time in learning what he ought to have acquired before. For that reason he rejoiced to see that there were classes for secondary education carried on at the Institute, and that at the Institute provision was made not merely to give a technical and scientific education, but also a liberal education in languages, history, and literature. He would venture to impress upon those interested in the education of this town that no classes of this nature were at all equivalent to a good secondary school, and that a secondary school was really an essential as being a corelative of a technical institute, and essential as a place for the preparation of the teachers of the future—(hear, hear). When he said that he would even also suggest that secondary classes such as existed in connection with institutes of that character were always liable to overshoot the mark by their scientific attention to science and its interests, and that it was difficult to get at them, fixed course of linguistic, literary and historical study on the line that at a good secondary school such study was pursued. Let him not be supposed for one moment to state that science and literature were antagonistic. The two classes of study were necessary to one another. No one who entered one of the learned professions—the ministry, the bar, or the literary life—could afford to dispense with scientific knowledge, nor could the scientific man dispense with a sound basis of literary education —(hear, hear). There was really no antagonism between the two. He would quote the words of a great literary man—one of the greatest poets of antiquity—in support of this statement. After a quotation from Virgil, the speaker went on to say that we in these days were better situated than the poet Virgil; and even the youth of this time were more favourably situated than the youth of his (the speaker's) day, because science was brought close to them, the knowledge of it was assessable to all, and they knew now that there was nothing to divorce science from literature—(hear, hear). Was it right to cast aside any of these subjects? Was it right to specialise themselves to the exclusion of any subjects? Were they to cast aside history and stumble through modern politics without the guidance it could give them? Were they to cast aside literature and wander through books without any standard of

excellence? Were they to cast aside the study of language other than that of their native tongue, forgetting that language was the repository of bright ideas and great thoughts and high emotions? Were they to cast aside science, and go through the world, as Virgil complained that he did, shut out from the wonders that the knowledge of science could reveal? If they could not master those the meaning of life would be lost to them, for it was only by preparation in all departments of learning, and appreciation of their full value, that the student could acquire a full knowledge of the variety of the interests, and above all of the seriousness, of life—(loud applause).

Alderman Davies moved a vote of thanks to Sir W. Anson. The speaker remarked that he made himself acquainted with the excellent work that had been done by the authorities of the Technical Schools during the last 20 years. He thought it was very much to the credit of their excellent president, Mr. Ascroft, that he had been connected with that Institute since its commencement—(applause)—and also of Mr. Steele who also had been connected with it from the beginning. Their able secretary, Mr. T. R. Jolly, had also been connected with the institute and technical schools from their foundation. Proceeding Mr. Davies remarked that under the new Education Act that would come into force on March 31, the institute would receive more financial assistanee and the funds be made adequate to the requirements of the work. It was pleasing to know this, as the institute bad for a great many years suffered for want of funds to carry on its great work. However, that would not be so in the future, and the work of the great institution would be extended. After having pointed out that at the present time there were classes for almost every scientific subject, as well as technical classes dealing with almost every trade, Alderman Davies went on to say that he was very pleased to say it would not be necessary to make much alteration in the government of that institution when it came under the new Education Act. There had always been the greatest harmony between the members of the Town Council and the government of the Harris Institute—(applause) —and as a guarantee that that harmony would continue he might say that amongst 32 members of the Education Committee 10 were members of the Harris Council, whilst of the 29 members comprising the latter body 11 were members of the Town Council.

Mr. Y. W. Booth, J.P., briefly seconded the resolution. He hoped that when Sir William Anson returned to the Board of Education he would take with him a pleasing impression of

Preston and be able to report favourably of the work of the Harris Institute—(hear, hear).

In supporting, Archdeacon Fletcher referred to the broad policy of the council of the Harris Institute. They covered a wide field, not only as regarded curriculum, but also as regarded area—(hear, hear). He was happy to say that the benefits of the Institute were by no means confined to the people of Preston, but the doors of that Institute had been thrown open with great cordiality to welcome students from round about. In the course of his remarks, Archdeacon Fletcher said he looked upon the new Education Act as one that must be handled carefully, and there was in certain quarters a tendency to suppose that extravagance and efficiency were one and the same thing. They required to be very much on their guard as regarded extravagance—(hear, hear).

After Sir W. Anson had responded, his Worship the Mayor moved that a vote of thanks be given to the chairman, of whom he spoke in terms of high praise.

Mr. H. Bell seconded, and the vote was enthusiastically carried.

The President acknowledged the vote, and the proceedings terminated.

List of Prizes and Certificates

AWARDED TO STUDENTS ATTENDING THE CLASSES AT THE HARRIS INSTITUTE, SESSION 1902-1903.

SPECIAL PRIZES.

Board of Education.

Ryland, A. S.—Art—Two Silver Medals.
Buglass, Geo. H.—Art—Bronze Medal and King's Prize.
Livesey, Fredk. H.—Art—Book Prize, 20/-.

City and Guilds of London.

Charnley, Rd.—Cotton Spinning—3rd Prize, 20/- and Bronze Medal.
Pateson, Harry C.—Cotton Weaving—3rd Prize 20/- and Bronze Medal.

Lancashire and Cheshire Union of Institutes.

Brindle, Jno. W.—Arithmetic—1st Prize.
Fryer, F. J.—Bookkeeping—1st Prize.
Coulthart, Andrew—Weaving—3rd Prize.
Parker, Bertie—Shorthand Theory—3rd Prize.

Day School.

Matriculation Examination of London University.

Renwick, John E. (Pupil Teachers' Centre.)—1st Division

Victoria University.

Turner, Maurice R. (Preliminary Science).

Renwick, Walter (late Pupil Teachers Centre)—B.Sc. Degree.

Science.

BOARD OF EDUCATION EXAMINATIONS.

* *Scholarship and Prizes Awarded.*

Practical Plane and Solid Geometry.

ELEMENTARY STAGE.

FIRST CLASS: *Duckett, Rd., *Bennett, Harry.

SECOND CLASS: Bradshaw, Granville, Seed, Walter, Pilkington, Edward, Smethurst, James A.

ADVANCED STAGE.

FIRST CLASS: *Yates, Simon.

SECOND CLASS: Wright, Chas. A., Hilton, George.

Machine Construction.

ELEMENTARY STAGE.

FIRST CLASS: *Eastham, Bertie H., *Shuttleworth, John, *Sumner, John, *Yates, Simon, *Duckworth, William.

SECOND CLASS: Grime, Charles, Renwick, Jos. A., Breakell, Jas., Hodson, John, Hull, Wm., Hind, Rd. P.

ADVANCED STAGE.

First Class : *Wells, Charles, *Adamson, Harry, *Booth, William, *Charnley Geo. H., *Wright, Chas. A., *Brocklehurst, H. C.

Second Class: Pilkington, Herbert H., Knowles, Wm. G., Woods, Thurston, Waugh, Samuel M., Bolton, Louis, Dryden, Thomas A., Parnaby, Herbert E., Baxter, Joseph H., Solloway Ernest, Bagot, Cornelius W., Parkinson, John.

Building Construction.

ELEMENTARY STAGE.

First Class : *Larrington, Chas., *Evans, John E., *Scholes, John G., *Sandham, Benjamin, *Lillie, Alfred C.

Second Class: Hodson, Harry, Baron, Nicholas, Constantine, Harry A., Hurst, James, Royles, Herbert, Bennett, Hugh, Swarbrick, Jno. T. Hall, John, Tuson, Roger, Marsden, Wm., Fleming, Jno. J., Neal, Geo. B., Duckworth, Alfred J., Pilkington, Edward, Holden, Jno., Ogdin, Dennison, Duckett, Rd.

ADVANCED STAGE.

First Class : *Hull, Jno. T., *Crossthwaite, Wm. G. *Burdess, Lionel L., *Allen, John J., Alty, Hy., *Wareing, Thos., *Hurst, John.

Second Class: Cartmell, Wm., Gornall, Geo., Samuels, Harold, Airey, Frank W., Platts, Reuben, Milner, Jas. P., Rigby, Sidney E., Dandy, Sidney, Waring, James, Hurst, Thomas, Elliott, Norman, Hull, Hugh W., Muncaster, Robert H., Moss, Thomas, Barrow, Henry, Masters, Cecil.

Mathematics.

STAGE I.

FIRST CLASS: *Turner, Maurice R., *Smethurst, Rd., *Morgan, Wm., *Gill, John, *Lowe, Hugh S., *Rayton, John F., *Hall, Thos. N., *Taylor, W., *Holland, Jno. C., *Holden, Thos., *Heald, Thos., *Berry, Wm. M., *Hall, Harry G., *Mayor, Fred.

SECOND CLASS: Crosby, Berkley C., Conner, Wm., Lovett, F. J., Hind, Randolph, Clegg, Edgar, Downie, Albert, Sprake, Gilbert E., Whalley, Geo., Furness, Charles C., Dawson, Mary, Coates, Rd., Ainsworth, Henry, Wilkinson, Thomas, Anderton, Nathan, Robinson, Wm. B., Marland, Thos. K., Gatenby, Geo. F., Southworth, John, Watson, Geo.

STAGE II.

FIRST CLASS: *Porter, Bertram W.

SECOND CLASS: Austin, Robert C., Buckley, Wm., Goring, Leonard, Halliwell, Percy, Forrest, Albert Houseman, Jno. B., Corless, Arthur J., Heywood, Reginald, Morris, Frank, Livesey William, Freeman, Jas. T.

Practical Mathematics.

ELEMENTARY STAGE.

FIRST CLASS: *Brown, David H.

SECOND CLASS: Wells, Charles, Yates, Simon, Wright, Chas. A., Booth, Wm.

Theoretical Mechanics (Solids).

ELEMENTARY STAGE.

FIRST CLASS : *Howarth, Walter N., *Porter, Bertram W., *Mayor, Fred, *Rayner, Benjamin H., *Renwick, Jno. E., *Turner, Maurice R., *Winchester, Jno.

Applied Mechanics.

ELEMENTARY STAGE.

FIRST CLASS : *Thompson, J. W., *Banister, Fred, *Dobson, Rd., *Ayres, Wm. E.

SECOND CLASS: Lonsdale, John M., Pilkington, H. H.

ADVANCED STAGE.

FIRST CLASS : *Booth, William.

SECOND CLASS: Wright, Chas. A., Solloway, Ernest.

Magnetism and Electricity.

ELEMENTARY STAGE.

FIRST CLASS : *Pateson, Lawrence, C., *Sowerbutts, Chas.

SECOND CLASS: Haywood, Joseph G., Heywood, Reginald, Wheeler, Wm

ADVANCED STAGE.

SECOND CLASS: Bannister, Fred, Baker, Samuel, Hulse, James T.

Theoretical Inorganic Chemistry.

† *Alternative Stage.*

ELEMENTARY STAGE.

FIRST CLASS: *Turner, Maurice R., *Craven, Richard A., *Cowperthwaite, Wm., *Hargreaves, James, *†Staniforth, Robert W., *†Fisher, Jno., *†Kirkham, Harry, *† Carr, Lily.

SECOND CLASS: Richardson, Robert, Stirrup, Peter, Anyan, Annie G., Nickson, Kate M., †Harrison, Ernest, †Bond, Jas. R., †Bluhm, Cyril.

ADVANCED STAGE.

SECOND CLASS: Eastham, Alfred, Jackson, Osbert, Fisher, George.

Practical Inorganic Chemistry.

ELEMENTARY STAGE.

FIRST CLASS: *Staniforth, Robert Wm., *Cowperthwaite, Wm.

SECOND CLASS: Stirrup, Peter, Inions, Grace, Butler, Geo., Turner, Maurice R., Hargreaves, Jas.

ADVANCED STAGE.

SECOND CLASS: Hutchinson, Wm. A., Atkinson, Wm.

Geology.

ELEMENTARY STAGE.

FIRST CLASS: *Eaton, James, *Fisher, Geo.

SECOND CLASS: Kilroe, James, Walmsley, Edward A., Hatfield, Edward, Allen, F. W., Jackson, Wm., Wibberley, Thos., Simpson, Alfred.

Human Physiology.

ELEMENTARY STAGE.

FIRST CLASS: *Corless, Arthur J., *Hall, Harry S., *Toulmin, Amelia.

SECOND CLASS: Dagger, Henry, Lendrum, Jas. A.

Botany.

ELEMENTARY STAGE.

FIRST CLASS: *Dewhurst, Florence, *Nowell, Frances, *Kellett, Margaret.

SECOND CLASS: Southworth, Ada, Hunter, Elizabeth.

Steam.

ELEMENTARY STAGE.

FIRST CLASS: *Ayres, William, E., *Southworth, Jas.

SECOND CLASS: *Stanley, Hereward, E., *Foster, John H., *Brocklehurst, Herbert C.

ADVANCED STAGE.

FIRST CLASS: *Friedenthal, Jno, A., *Booth, Wm.

SECOND CLASS: Duxbury, Samuel.

Physiography.

SECTION I.

PASS : *Bonney, Sarah E., *Jones, Ethel, *Livesey, Louisa, *Spencer, Gordon, W., *McDonald, P., *Seed, Wm. E., *Baxter, John S., *Cartmell, Ed., *Simpson, Stephen.

ELEMENTARY STAGE.

FIRST CLASS : *Marland, Eva G., *McGiveney, Marie, *Kellett, Ada, *Holland, Jno. C., *Renwick, John E., *Brewer, Fredk. E., *Livesey. Wm., *Toulmin, Eleanor.

SECOND CLASS : Freeman, Jas. T.

ADVANCED STAGE.

SECOND CLASS : Taylor, Charles S.

Agricultural Science and Rural Economy.

ELEMENTARY STAGE (DIVISION I.).

FIRST CLASS : *Richardson, Robert, *Bond, James A., *Anyan, Annie G., *Wilson, John, *Harrison, Ernest, *Faraday, Fredk., *Fisher, John.

SECOND CLASS : Glover, Henry, Butler, George, Tomlinson, Percy G., Nickson, Kate M., Podmore, Fredk. J., Inions, Grace, Howard, Margt., Saunders, Chas., Bluhm, Cyril, Lloyd, Janie, Carr, Lily, Robinson, John.

ADVANCED STAGE (DIVISION I.)

FIRST CLASS : *Wibberley, Thomas.

SECOND CLASS : Simpson, Alfred, Allen, F. Wm.

ADVANCED STAGE (DIVISION II.).

FIRST CLASS : *Eastham, Alfred, *Lonsdale, John M.

SECOND CLASS: Jackson, William.

Hygiene.

INTRODUCTORY STAGE.

PASS : *Clegg, Elizabeth, *Machin, Lilian, *Bott, Mina A. G., *Bolton, Constance.

ELEMENTARY STAGE.

FIRST CLASS : *Crossley, Gertrude, *Threlfall, Mabel E., *Breakell, Lillie.

SECOND CLASS: Rigby, Edith N., Clegg, Elizabeth, Holker, Edith A., Machin, Lilian, Edmondson, Ellen, Toulmin, Eleanor, Burnett, Mary H., Smith, Josephine M., James, Elizabeth M., McGiveney, Marie, W., Baines, Catherine, Kellett, Mary A., Dixon, James, Ginger, Fredk. W., Brierley, Catherine, Bolton, Constance S.

ADVANCED STAGE.

SECOND CLASS: Little, Jane.



Harris Institute, Preston. Abstract of Class Registers, 1902-1903

NAME OF CLASS.	OCTOBER		NOVEMB'R		DECEMB'R		JANUARY		FEBR'Y		MARCH		APRIL		Number who sat for Examination.	Number Passed.
	No. on Reg.	Av'r'ge attend-ance.	No. on Reg.	Av'r'ge attend-ance.	No. on Reg.	Av'r'ge attend-ance.	No. on Reg.	Av'r'ge attend-ance.	No. on Reg.	Av'r'ge attend-ance.	No. on Reg.	Av'r'ge attend-ance.	No. on Reg	Av'r'ge attend-ance.		
SCIENCE.																
Applied Mechanics (Elementary)	27	24	28	20	28	18	28	14	29	15	29	14	29	13	15x	9x
,, (Advanced)	7	7	7	7	7	7	7	5	7	5	7	5	7	5		
Botany (Elementary)	16	14	16	14	16	13	16	12	16	11	16	11	16	10	8x	5x
Do. (Practical)	5	5	5	5	5	4	5	4	5	4	5	4	5	4		
Biology	17	16	17	15	17	14	17	14	17	15	17	15	17	15		
Building Construction (Elementary)	88	86	88	82	88	72	89	67	89	70	89	70	89	69	88x	45x
Do. (Advanced)	38	33	38	34	38	34	38	31	38	32	38	31	38	30		
Do. (Honours)	9	8	9	8	9	7	9	7	9	7	9	6	9	6		
Chemistry, Theoretical, Inorganic (Elementary)	26	23	27	24	27	24	27	23	27	22	27	20	27	19	39x	18x
Do. do. (Advanced)	6	5	7	5	7	5	7	5	7	5	7	5	7	5		
Do. Practical (Elementary)	19	18	19	17	19	18	19	17	19	17	19	16	19	14	18x	9x
Do. do. (Advanced)	8	8	8	7	8	7	8	7	8	7	8	6	8	6		
Do. Organic	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
Human Physiology (Elementary)	7	6	7	5	7	5	7	5	7	5	7	5	7	5	6x	5x
Hygiene (Day Class)	10	10	10	9	10	10	12	12	12	12	12	12	12	12	40x	24x
Hygiene (Elementary)	20	19	20	17	20	16	20	16	20	16	20	16	20	15		
Do. (Advanced)	4	4	4	3	4	3	4	3	4	3	4	3	4	3		
Machine Construction (Elementary)	96	95	96	86	97	73	98	69	98	63	98	62	98	61	35x	26x
Do. (Advanced)	27	25	27	23	27	20	27	20	27	19	27	19	27	19		
Mathematics, Stage I & II.	94	90	94	67	94	65	94	62	96	64	96	62	96	60	62x	45x
Do. Stage III. & IV.	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Magnetism and Electricity (Elementary)	27	25	27	19	27	20	27	18	27	16	27	16	27	14	10x	8x
Do. (Advanced)	8	7	8	4	8	5	8	4	8	4	8	4	8	4		
Do. (Practical)	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Physiography (Day Class P. T's.)	130	128	130	124	130	125	130	126	130	125	130	126	130	125	17x	13x
Do. (Elementary)	18	17	18	12	18	10	23	13	23	12	23	11	23	10		
Do. (Advanced)	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Practical, Plane & Solid Geometry (Elementary	59	57	60	52	60	45	60	46	61	43	61	42	61	43	42x	9x
Do. Do. (Advanced)	17	15	17	14	17	12	17	12	17	13	17	13	17	13		
Sound, Light, and Heat (Elementary)	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Do. (Advanced)	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Do. (Practical)	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Steam and Steam Engine (Elementary)	40	39	40	27	40	24	40	22	40	21	40	20	40	20	17x	8x
Do. Do. (Advanced)	8	7	8	7	8	8	8	8	8	7	8	7	8	7		
Theoretical Mechanics (Solids)	7	6	7	4	7	4	7	3	7	2	7	2	7	2	9x	7x
Do. (Day Classes)	21	20	21	19	21	19	21	20	21	19	21	18	21	19		
Elements of Science, Continuation Classes	96	94	98	89	98	88	98	80	98	78	98	78	98	78	50*	41*
Draughtsmanship	23	22	24	22	25	20	25	20	25	20	25	20	25	20	18*	15*
Preliminary Mathematics	57	54	58	44	59	41	59	40	59	39	59	38	59	38	30*	23*
Practical Mathematics	24	22	25	22	25	17	25	16	26	17	26	16	26	14	10x	5x
ART.																
Day Class	19	15	20	15	20	15	20	15	20	15	22	16	25	17		
Evening Class	155	150	162	150	164	150	166	146	166	140	166	137	166	135	291x	174x
Modelling Class	15	13	15	12	15	12	15	12	15	12	15	11	15	12	45*	40*
Elementary Continuation Class	50	50	50	46	52	46	54	48	54	48	54	47	54	46		
Design (Technical)	6	6	6	6	6	5	6	5	6	5	6	5	6	5		
Pupil Teachers	149	147	150	140	150	145	150	145	150	144	150	145	150	147		
Blackboard Drawing	15	13	16	14	16	14	17	14	17	15	17	14	17	14		
TECHNICAL.																
Overlookers' Class	24	24	24	22	28	23	28	16	28	11	28	11	28	11		
Brickwork and Masonry	8	7	8	6	8	6	8	6	8	5	8	5	8	5	§6	§5
Carpentry and Joinery	63	62	64	61	64	58	64	55	64	49	64	48	64	48	§48	§9
Woodwork	273	270	273	266	264	246	264	248	259	233	259	236	259	240	15† §8	14† §7
Cotton Spinning, Ordinary	51	49	51	43	51	43	51	39	51	37	51	36	51	36		
Do. Honours	11	11	11	10	11	10	11	10	11	10	11	10	11	9	§40 14†	§33 13†
Electric Lighting and Power	56	55	57	51	57	46	57	42	57	38	57	36	57	34	§11	§5
Plumbers Work	56	54	57	51	57	47	57	44	57	40	57	40	57	41	§39	§14
Weaving and Designing, Ordinary	88	96	100	83	100	78	100	70	100	67	100	66	100	65	§80	44§
Do. do. Honours	7	7	7	6	7	6	7	6	7	6	7	6	7	6	30†	28†
Wood Carving	7	7	7	7	7	7	4	4	4	3	4	3	4	3		
Workshop Arithmetic	..	..	54	36	54	30	54	30	54	30	54	30	54	31	25*	21*
SCHOOL OF DOMESTIC ECONOMY.																
Cookery, Dressmaking, Laundry Work, Sick Nursing, Millinery (Technical)	54	50	54	49	54	47	54	47	54	45	54	45	54	45	22†	22†
Household Sewing															40*	40*
Teachers in Training	18	18	18	18	18	18	18	18	18	18	18	18	18	18		
Continuation Classes	400	385	400	375	400	370	400	365	400	360	400	361	400	362		
Children from Elementary Day Schools	600	590	600	575	600	580	600	582	600	581	600	580	600	585		
SCHOOL OF AGRICULTURE.																
Agriculture, Agricultural Chemistry, Organic Chemistry	50 6 15	50 6 15	50 6 15	50 6 15	50 6 15	50 6 15	50 6 15	50 6 15	50 6 15	50 6 15	50 6 15	50 6 14	50 6 15	50 6 15	35x 9x 3x	27x 9x Geol
Book keeping	50	50	50	50	50	50	50	50	50	50	50	50	50	50		
Botany, &c.	44	44	44	44	44	44	50	48	50	49	50	48	50	48		
Chemistry, Theoretical	56	54	56	54	56	54	56	54	56	54	56	54	56	54		
Do. Practical	33	31	33	32	33	32	33	32	33	32	33	32	33	32		
Mechanics and Steam	24	24	24	24	24	24	24	24	24	25	24	23	24	23		
Veterinary Science	20	20	20	20	20	20	20	20	20	20	20	20	20	20	50*	47*
Drawing	50	50	50	50	50	50	50	50	50	48	50	47	50	48		
Geometrical Drawing	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
English and Arithmetic	24	24	24	24	24	24	24	24	24	23	24	23	24	23		
Physics (Practical)	18	18	18	18	18	18	18	18	18	17	18	17	18	17		
Algebra and Euclid	50	50	50	50	50	50	50	50	50	48	50	48	50	48		
MISCELLANEOUS.																
Rudiments of Music	24	23	24	22	24	23	24	21	24	21	24	20	24	20		
Music—Harmony	21	20	21	18	21	18	21	18	21	17	21	17	21	16	37†	32†
Singing—Staff E	26	25	27	26	27	27	27	25	29	25	29	24	29	24		
Do. Staff Ad.	31	30	33	26	33	28	33	27	34	22	34	23	34	24	37*	33*
Latin	6	6	6	4	6	4	8	4	6	4	6	4	6	4		
French (Elementary)	38	36	38	24	38	22	38	23	38	24	38	25	38	24	4*	4*
Do. (Advanced)	14	12	14	11	14	9	14	10	14	9	14	9	14	9		
Shorthand (Elementary)	70	69	72	66	73	64	73	62	73	60	73	59	73	58	38†	38†
Do. (Advanced)	132	129	134	123	135	108	135	106	135	104	135	103	135	103	9‡ 82†	6‡ 61†
English (Elementary)	60	59	62	50	63	42	63	41	63	35	63	34	63	32	106*	96*
Do. (Advanced)	6	5	6	5	6	5	6	5	7	5	7	5	7	5	21†	17†
German	13	12	13	10	13	10	13	10	13	10	13	9	13	10	1‡	1‡
Arithmetic (Elementary)	67	59	69	56	69	57	69	47	69	51	69	50	69	50	10*	9*
Do. (Advanced)	66	45	46	40	46	36	46	32	46	33	46	32	46	31	99†	84†
Book-keeping (Elementary)	98	91	98	80	98	74	98	63	98	64	98	63	98	62	6‡	2‡
Do. (Advanced)	76	70	78	67	79	66	79	62	79	65	79	64	79	63	110†	108†
Typewriting	18	17	18	16	18	15	18	17	18	17	18	17	18	16	25‡	24‡
P.T. Central Classes	230	227	230	225	230	225	230	226	230	226	230	225	230	224	14*	13*
Certificate Classes	18	16	18	16	18	16	19	16	19	16	19	15	19	15	224*	217*
Day Classes	18	18	18	17	18	17	19	18	20	17	20	17	20	17		
Commercial Correspondence	8	8	8	5	8	5	8	4	8	4	8	4	8	4	3†	2†
Grammar School Physics	17	17	17	17	17	17	17	17	17	16	17	16	17	16	13x	6x
	4675	4530	4776	4307	4768	4192	4788	4086	4790	4013	4792	3979	4795	3922	2168	1612

Individual Students, 3,188. x Board of Education. ‡ Society of Arts. † Lancashire and Cheshire. § City and Guilds. * Local

School of Art.

BOARD OF EDUCATION EXAMINATIONS.

**Scholarship and Prize Awarded.*

Geometrical Drawing.

FIRST CLASS: *Hacking, Fredk. S., *Hay. Wm. R., *Haydock, Josephine M., *Saunders, Chas., *Welsh, James, *Harrison, Ernest, *Whieldon, Margaret.

SECOND CLASS: Bannister, Fred, Hayhurst, Mary P,, Wilding, Herbert C.

Freehand Drawing in Outline.

FIRST CLASS: *Duckworth, Ed. E., *Platts, Jno. W., Newsham, Lillie, *Rawcliffe, M. E., *Hay, William R., *Woods, Joseph, *Burton, Wm. E. B., *Lightbourne, Ethel G., *Haydock, Josephine M., *Livesey, Louisa, *Duckett, Rd., *Aveline, Annie E.

SECOND CLASS: Cockshutt, Mary, Simms, Sharon A., Lawton, Harry S., Porter, Bertram W., Carpenter, Frank M., Buckley, Wm. H., Smethurst, Rd., Clegg, Edgar, Hall, Harry G., Wilding, Herbert R. C., Morgan, William, Cummings, Alice M., Gatenby, Geo. F., Spelman, Kate, Saunders, Chas., Hill, John B., Porter, John, Metcalf, Lester, Chrystall, Charles, Jackson, Walter, Easterby, Margaret.

Model Drawing.

FIRST CLASS : *Mayor, Fred, *Burton, Wm., E. B., *Hay, Wm. R., *Haydock, Josephine M., *Easterby, Margaret., *Porter, John.

SECOND CLASS: Bellamy, Bertha D., Brewster, Isabella, Newsham, Lillie, Green, Emma E., Smails, Walter, Billington, Wm. S., Holmes, Herbert, Glaister, Thos. H., Brierley, Catherine, Baines, Catherine, Hill, Jno. B., Wilding, Herbert R. C., Barrett, Albert E., Duckworth, Ed. E., Carpenter, Frank M., Sudell, Eleanor, Cummins, Alicia M., Duckett, Rd., Procter, Florence, Fuller, Dorothy, Wiseman, Edith M.

Drawing in Light and Shade.

FIRST CLASS : *Barker, John W., *Swindlehurst, Herbert, *Wilding, Herbert R. C., *Burton, Wm. E. *Coop, John T., *Hay, William R., *Lightbourne, Ethel G.

SECOND CLASS: Bell, Wm., Hill, John B., Billington, Thos., Wiseman, Edith Margaret, Dandy, Eva, Porter, John, Easterby, Margaret, Haydock, Josephine, M.

Anatomy.

FIRST CLASS : *Buglass, Geo. H.

SECOND CLASS: Burton, Wm. E. B.

Perspective.

FIRST CLASS : *Hay, Wm. R.

SECOND CLASS: Burton, Wm. E. B., Love, Julia J., Wilkinson, Thos. R., Whieldon, Margt., Walsh, Jas.

Drawing from the Antique.

FIRST CLASS: *Whieldon, Margaret, *Burton, Wm. E. B.

SECOND CLASS: Howard, Emily, Coop, Jno. T.

Modelling Design.

ADVANCED STAGE.

SECOND CLASS: Richmond, Harry.

Design.

ELEMENTARY STAGE.

FIRST CLASS: *Bell, Wm., *Hayhurst, Mary P., *Haydock, Josephine M.

SECOND CLASS: Lightbourne, Ethel G., Coop, Jno. T.

ADVANCED STAGE.

FIRST CLASS: Livesey, Fredk. H.

HONOURS STAGE.

SECOND CLASS: Buglass, Geo. H.

Painting Ornament.

FIRST CLASS: *O'Neill, Jessie, *Whieldon, Margt.

SECOND CLASS: Haydock, Josephine M., Hacking, Fredk. J., Buglass, Geo. H., Fisher, Joseph.

Painting from Still Life.

FIRST CLASS: *Fisher, Joseph.

SECOND CLASS: Burton, Wm. E. B., Marshall, Annie L., O'Neill, Jessie.

Principles of Ornament.

SECOND CLASS: Hacking, Fredk. S.

Memory Drawing of Plant Form.

FIRST CLASS: *Bell, Wm.

SECOND CLASS: Hacking, Fredk. S., Buglass, Geo. H., Fisher, Joseph, Hayhurst, Mary P., O'Neill, Jessie, Burton, Wm., E. B., Haydock, Josephine M., Whieldon, Margt., Coop, Jno. T.

Drawing on the Blackboard

FIRST CLASS: Baines, Catherine, Barrett, Elizabeth A., Bellamy, Bertha D., Blackburn, Florence, Brewster, Isabel, Brierley, Catherine, Burton, Wm. E. B., Cockshutt, Mary, Green, Emma F., Hay, Wm. R., Haydock, Josephine M., Hayhurst, Mary P., Howard, Emily, Hunt, Robert, O'Neill, Jesse, Walsh, James, Whieldon, Margt., Wilding, Herbert R. C.

SECOND CLASS: Brewer, Edith M., Clarkson, Frances M., Cummins, Alicia M., Desmond, Edith A., Farrell, Agnes, Hartley, Margaret, Holker, Edith A., Kellett, Mary A., McGiveney, Marie W., Marquis, Kate, Milner, Mary E., Nichols, Wm. A., Thexton, Grace, Worthington, Hannah L.

Students from whom Preparation Works have been accepted for Art Class Teachers and Art Masters Certificates.

Buglass, Geo. H.,	Subject	9a (two works)	Group 3.
Burton, Wm. E. B.,	,,	8b2	Group 1.
Easterby, Margaret	,,	1a	A.C.T.C.
Hayhurst, Mary P.,	,,	5a	A.C.T.C.
O'Neill, Jessie	,,	14-22	A.C.T.C.
,,	,,	10	A.C.T.C.
,,	,,	5a	A.C.T.C.
,,	,,	1c	Group 1.

Special Art Prizes.

Buglass, Geo. H., Painting Head from Life, Still Life; Burton, Wm. E. B., Drawing from the Antique, Drawing from Life; Easterby, Margaret, Geometrical Sheet; Fuller, Dorothy, Shading from Cast; Hayhurst, Mary P., Shaded Groups of Models, Design; Haydock, Josephine M., Details of Figure; Livesey, F. H., Study of Drapery; O'Neill, Jessie, Outline from Cast, Shaded Groups of Models Design, Perspective Sheet; Porter, John, Shading from Cast; Richmond, Hy., Drawing from Life; Wilding, Herbert R. C., Applied Design; Wilding, Ada B., Applied Design, Study of Drapery; Whieldon, Margt., Details of Figure, Drawing in Outline.

Pupil Teachers' School.

Prizes awarded to the following :

PROBATIONERS : 1st Prize, Jackson, Ella ; 2nd Prize, Maymon Clara ; FIRST CLASS : McGraw, Margaret, Crozier, Hy. C.

CANDIDATES : 1st Prize, McIlwaine, Margaret ; Mayor, Fred ; FIRST CLASS : Hall, Thomas N., Seed Amelia, Nelson, William, Critchley, Ellen, Holmes, Herbert, Iddon, Alice, Watson, Geo., Heaton, Sarah.

FIRST YEAR : 1st Prize, Smethurst, Richard ; 2nd Prize, Fletcher, Edith ; FIRST CLASS : Houseman, Bruce, J., Pomfret, Annie, Winchester, John, Holden, Thos., Sanderson, Susannah, Glover, Edith, Hill, Lily, Garth, Maggie, Reid, Isabella.

SECOND YEAR : 1st Prize, Rayner, Ben. ; 2nd Prize, Hall Hy. ; FIRST CLASS : Buckley, William, Forrest, Albert E., Dawson, Mary, Gatenby, Geo., Goring, Leonard.

THIRD YEAR : 1st Prize, Renwick, John E. ; Porter, Bertram ; FIRST CLASS : Livesey, Wm., Holland, John C., Mapp, Elizabeth, Catterall, Ethel, Halliwell, Elizabeth, Freeman, James, Price, Wm., Rawcliffe, Mary.

First Class at King's Scholarship, December, 1902.

Awarded Prizes.

Bamber, Helen, Dimmock, John, Livesey, Grace, Smith, Nora, Corless, Arthur, Jones, Fred Taylor Chas., Hall, Robert.

Society of Arts Examinations, Results, 1903.

---

* *Scholarship and Prize Awarded.*

Book-keeping.

FIRST CLASS : *Higginbottom, Thos., *Parker, Ernest, *Rigby, Arthur, *Seed, Thos., *Smalley, Jas., *Snelham, Jno., *Wardley, William, *Worthington, Harold, *Corbridge, Fred., *Fitchie, Jno., W., *Hebblethwaite, Alfred Hy.

SECOND CLASS: Burnie, Alice M., Calleby, Wm., Dickinson, Robert, Guest, Thomas, Helme, Arthur, Lowe, Wm. Edward, Nutter, Wm. Henry, Roberts, Arthur, Standing, James.

THIRD CLASS : Dowbiggin, Fredk. Rowland, James, Southworth, Thomas, Wearing, Ada I.

Shorthand.

SECOND CLASS: Gardner, John, Standing, James.

THIRD CLASS : Bateman, Chris., Bolton, James, Meadowcroft, Alfred J., Thomas, Geo. G.

Arithmetic.

SECOND CLASS: Brindle, Jno. W.

THIRD CLASS: Banks, R.

English.

THIRD CLASS: Blacklidge, Annie.

Technical.

City and Guilds of London Institute.

* *Scholarship and Prize Awarded.*

Masonry.

ORDINARY GRADE.

First Class : *Hull, Jno. T., *Grossthwaite, Wm. G.

Second Class : Gillibrand, Joseph, Jackson, James.

Brickwork.

HONOURS GRADE.

First Class : *Hustwick, Ernest.

ORDINARY GRADE.

First Class : *Gillibrand, Joseph, *Jackson, James, *Hull, Jno. T.

Second Class : Crossthwaite, Wm. G.

Carpentry and Joinery.

HONOURS GRADE.

First Class: *Livesey, Ernest N.

ORDINARY GRADE.

First Class: *Hull, Hugh W., *Lillie Alfred C., *Hargreaves, H., *Yates, Joseph Y.

Second Class: Pilkington, Wm., Waddington, Wm., Holden, Jno., Taylor, Wm.

Plumbers' Work.

PRELIMINARY.

Pass: *Sheppard, Chas. H., *Thacker, Wm. F., *Hamer, Fredk., *Miller, Henry, *Pilkington, Jas. H., *Denley, Charles.

ORDINARY GRADE.

First Class: *Cross, Robert, *Pilkington, Jas. H.

Second Class: Mason, Harold, Sheppard, Chas.

HONOURS GRADE.

Second Class: *Corbishley, Geo., Wilding, Ernest T., *Southworth, Thos., *Mather, Thos.

Cotton Spinning.

ORDINARY GRADE, 1ST YEAR.

FIRST CLASS: *Barton, Jno. W., *Wareing, John Milner, *Charnley, Rd., *Heaton, James, *Brindle, Wm. R.

SECOND CLASS: Atkinson, Rd., Bourne, Cyril d' Alton, Ward, Jno., T., Pateson, Lawrence C., Margerison, Joshua, Booth, John, Smith, Matthew.

ORDINARY GRADE, 2ND YEAR.

FIRST CLASS: *Barton, Jno. W., *Ward, Jno. T., *Pateson, Harry C., *Billington, H. H., *Gardner, Thos. F., *Hartley, Jno., *Charnley, Rd., *Heaton, Jas.

SECOND CLASS: Margerison, Joshua, Smith, Matthew, Houghton, Rd., Lendrum, John.

HONOURS GRADE.

FIRST CLASS: *Carpenter, Anthony, *Wall, Saml., *Beardsworth, Jas. B., *Holden, David, *Whalley, Benj., *Adamson, Robt., L., *Ireland, Fredk.

SECOND CLASS: Waterhouse, Peter A., Robinson, James.

Cotton Weaving.

ORDINARY GRADE, 1ST YEAR.

FIRST CLASS: *Creed, Benj., *Whitehead, Wm., *Worden, Wm., *Kenyon, Rd., *Mark, Harry, *Pinless, Frank, *Pateson, Harry C., *Taylor Fredk., *Hampson, Ernest, *Norcross, Wm'

SECOND CLASS: Knowles, James F., Worden, Wm., Pickles, Anthony, Whalley, Thos. P., Bamber, Ed., Bailey, Rd. T., Knowles, Oliver, Knowles, Harry, Wright, Thomas, Forshaw, Geo., Johnson, Wm., Knowles, James, Penswick, Robert, Garstang, Rd., Bond, Albert E., Rogers, Rd., Woods, Harry.

ORDINARY GRADE, 2ND YEAR.

FIRST CLASS: *Rigby, Thos., *Hampson, Ernest, *Richmond, Harry, *Pateson, Harry C.

SECOND CLASS: Coates, Ed., Johnson, Christopher, Catterall, Robt., Wright, Thos., Richmond, Harry, Lynch, John, Clucas, Bruce.

HONOURS GRADE (SECTION A).

SECOND CLASS: *Blackhurst, David, *Blackhurst, J. W.

SECTION B.

FIRST CLASS: *Blackhurst, David, *Blackhurst, Jno. W.

SECOND CLASS: *Scowcroft, Geo., *Welsh, Joseph.

Electric Lighting and Power.

ORDINARY GRADE.

FIRST CLASS: *Sloan, Alexander, *Dixon, James T.

SECOND CLASS: Howe, Geo. H., Mayor, Robert, Simpson Norman, W.

Mechanical Engineering.

PART I.

PASS: *Solloway, Ernest, *Booth, Wm., *Wright, Chas. A.

PART II.

FIRST CLASS: *Booth, Wm.

SECOND CLASS: Solloway, Ernest, Wright, Chas. A.

Manual Training (Woodwork).

FIRST YEAR.

PASS: Spence, Archibald E., Allen, Jno. J., Crossthwaite, Wm. G.

SECOND YEAR (TEACHERS' CERTIFICATE).

SECOND CLASS: Bleasdale, Edwin, Carter, Chas., Clitheroe, Wm., Robertson, Chas. H.

Union of Lancashire and Cheshire Institutes.

Examination Results, 1903.

Prizes and Scholarships Awarded to all Students obtaining First Class (except Dressmaking).

Commercial Correspondence.

SECOND CLASS: Lawson, Frederick.

PASS: Parker, Henry P.

Arithmetic (Senior Commercial).

FIRST CLASS: Brindle, John W. (distinction 1st), Hall, Wm. Henry, Lawson, Fredk., Townley, Robt.

SECOND CLASS: Banks, Rd., Coates, Ed., O'Donoghue, B. J.

PASS: Hodson, Fredk. J., Lynch, John.

JUNIOR COMMERCIAL.

FIRST CLASS : Arkwright, James, Cartwright, Lawrence, Crookall, James, Danson, Robt. J., Gardner, John H., Hodgkinson, Fredk.

SECOND CLASS : Ainsworth, Martha, Battersby, Robt., Brown, John, Haworth, Thos., Pickles, Arthur, Pickles, John, Seed, Geo. W., Wilsdon, John Jas., Melling, William.

PASS : Foster, Robert, Gardner, Robert.

ELEMENTARY.

FIRST CLASS : Ainsworth, Edward, Barnes, Thomas, Blackhurst, Ernest H., Cocker, Albert E., Dimmock, James, Duerden, Henry, Goodman, Joseph, Johnson, Christopher, Knowles, James, Knowles, Oliver, Margison, Fred, Melling, Fredk. J., Potts, Rd. K., Slater, Hy., Smith, Jno., F., Spencer, Rd., Townley, Peter, Wilkinson, John, Wright, Jonathan.

SECOND CLASS : Billington, H. H., Calderbank, Andrew, Callow, H., Cottam, Robert, Crossley, Fred, Culshaw, Thos. E., Dickinson, Peter, Dilworth, Jas., Eccleston, Thos., Ellinthorpe, Arthur, Gregson, George., Hayton, Ed., Knowles, Harry, Knowles, J. F., Lodge, Albert, McKay, John, Meadowcroft, Ed., Mills, William, Smith, Albert, Thompson, Thos., Totty, Thos., Trafford, Fred., Wright, Thos.

Book-keeping (Preliminary Grade).

FIRST CLASS : Ferris, Richard E., Myrescough, Thos., Gregson, Hy., Thomas Geo. G.

SECOND CLASS: Adkins, Francis, Alldred, John, Beesley, James, Blackburn, Robt., Bristow, F. S., Burgess, James, Butcher, Edward, Cumming, Harry, Dickson, Jno., H., Dodgson, Frank, Donaldson, Thos., Eller, Jos. W., Gardner, Leonard Chas., Gregson, Hy., Goodman, Jos., Goring, Fredk., Harkness, Jno., Harrison, Reginald F., Hindle, Herbert, Livesey, Chas. R., Lockwood, Albert C., McDonald, Robert E., Maymon, Harold, Meadowcroft, Alfred Jas., Nelson, Harold, Noblett, Thos. S., Prescott, Alfred, Rayner, Wm. H., Slater, Jas., Smith, Jno., F., Swindells, Fredk. A., Taylor, Harry Jas., Thompson, Matthew, Thompson, Thomas,

Threlfall, Thos., M., Tipping, Thos. Wm., Usher, Herbert, Whalley, John, Whittaker, Percy, Whittle, Jno., Wilding, Jno., Wilkinson, Wm., Hy., Worthington, Wm., Ainsworth, Mary, Bryning. Mary, Hesketh, Emily, Walmsley, Eliza E., Potter, Wm. R.

PASS: Calderbank, William, Renwick, John, Waterworth, Edward, Gemson, Thos., Harwood, William.

INTERMEDIATE GRADE.

FIRST CLASS: Crozier, Frank B., Gill, Jno., Guest, Thos., Coodman, Samuel, Halliwell, Percy, Roberts, Arthur, Rowland, Jas., Fryer, Francis.

SECOND CLASS: Bamford, Robert, Cumming, William Hy., Dickinson, Robt., Dowbiggin, Frederick, Hughes, H. W., Johnson, Thos. C., Pattinson, Jno. C., Smith, Jos. Hy., Threlfall, Arthur W., Webb, Geo., Winwood, Wm., Myerscough, Hetty, Atherton, Arthur, Hampson, Frank.

PASS: Bateman, Chris., Challen, Jno. W., Chitson, Geo. G., Forrest, Albert, Moon, R. T., Park. Henry, Porter, W., Vogwill, Jno. L., Davies, Elizabeth, Whitehead, Arthur.

ADVANCED GRADE.

First Class: Callenby Wm., Hebblethwaite, Alfred H., Seed, Thos. (Dist. 26), Smalley, Jos., Snelham, J. S., Standing, Jas. (Dist. 40), Higginbotton, Thos., Worthington, Harold.

Second Class: Helme, Arthur, Lowe, Wm. E., Nutter, Wm. Hy., Rigby Arthur, Wardley, Wm., Burnie, Alice A., Wearing, Ada I., Parker, Ernest, Southworth, Thos., Corbridge, Fred.

Algebra.

First Class: Fletcher, Thos. (Dist. 88), Livesey, C. R. (Dist. 68), Beardsworth, W., Chaloner, Albert Ed., Shaw, Albert, Jones, Lillian, Ferris, Rd., E. (Dist. 77).

Second Class: Butterworth, Jas. L, Gregson, Henry, O'Donoghue, B. J., Wearing, Geo.

Pass: Shaw, Thos., Smellie, Jno., Worden, Henry, Myerscough, Hetty.

French.

LITERARY GRADE.

First Class: Marland, Wm.

Second Class: Nelson, Sarah, Alker, Ralph, Robinson, Alfred.

Pass: Smith, Ethel, Smith, Norah W.

ELEMENTARY GRADE.

FIRST CLASS : Porter, Bertram W., Hampson, Ernest, Hughes, Hubert W., Martin Robert Hy., Price, Wm., Rayner, B. H., Sergeant, Margt., Thackwray, H. L., Blacklidge, Olive, Aveline, Enid, Blacklidge, A., Houghton, Margt., Pimley, Annie, Napthen, Edwin.

SECOND CLASS: Atkinson, Wm., Freeman, Jno., Southworth, Jno., Spencer, J. H., Garstang, Ada., Holderness, G., Gibson, Jane E., Mapp, Elizabeth, Hall, Wm. Hy., Bedwell, Wm. J., Johnson, Thos. C., Forrest, A. E., Taylor, J., Wareing, E.

PASS : Stazicker, Hy., Beardsworth, Jane, Masheter Eliza, Holderness, Ethel.

Cotton Spinning.

FIRST CLASS : Charnley, Rd. (Dist. 17), Pateson, Hy. C., (Dist. 30), Pateson, L. C. (Dist. 22), Holden, David, Heaton, Jas.

SECOND CLASS: Barton, Jno. W,, Carpenter, Anthony, Houghton, Rd., Nourse, Hy. A., Robinson, Jas., Ward, Jno. T., Wareing, Jno. T. M.

PASS : Booth, Jno.

Cotton Weaving.

FIRST CLASS : Blackhurst, David, Bond, A. E., Coulthart, Andrew (Dist. 4), Johnson, Chris., Kenyon, Rd., Lynch, Jno. (Dist. 8), Pickles, A., Pinless, Frank, Woods, Hy.

SECOND CLASS: Blackhurst, Jno. W., Clucas, Bruce, Coates, Ed., Dodd, Wm., Hampson, Ernest, Johnson, Wm., Kay, Jas., Lambert, Thos., Richmond, Harry, Taylor, Frederick, Whalley, Thos. P., Wright, Jonathan, Worden, Wm., Welch, Joseph.

PASS: Scowcroft, Geo., Penswick, Robt., Wright, Thos., Alldred, Jno.

Shorthand.

SPEED.

FIRST CLASS: Standing, Jas.

SECOND CLASS: Bateman, Chris., Bolton, Jas., Dodgson, W. G., Lendrum, Jno., Thomas, G. G., Meadowcroft, Alfred J., Thompson, W. C., Wardley, Wm.

THIRD CLASS: Brown, Jno., Gardner, Jno., Metcalfe, Bertie

PASS: Bamford, Robert, Bristow, Frank, Rattle, A. C., Crookall, Jas., Hayes, Jas., Holderness, Ethel, Kerr, Wm., Thackwray, H. L., Sowrey, J. K., Kitchen, W. J., Saul, Thos. P., Meadowcroft, Ed., Pickering, Ed., Townley, Peter, Whitehead, Arthur, Paley, Mabel, Dale, Lawrence, Robinson, Herbert, Threlfall, T. M.

THEORY ELEMENTARY.

PASS: Heys, Ralph, Churchman, Hy., Jas., Conley, Jas., Gill, Thos. E., Gregson, Henry, May, Ernest G., Nightingale, Alex., Sharples, E.

THEORY ADVANCED.

PASS : Clarkson, Rd., Dewhurst, Jno. W., Edmondson, Jas., Fowler, Thos., Harkness, Jno., Hebblethwaite, Alfred, Hilton, Thos., Jackson, G. B., Knowling, Jno., Mayor, Fred, O'Donoghue, B. J., Parker, Bertie, Reid, Jno. W., Risby, R. S., Snelham, R. D., Sowerbutts, Geo., Threlfall, Wm., Totty, Thos., Wallis, A., Tubman, J., Webb, Geo., Nelson, Harold.

Woodwork.

ELEMENTARY.

FIRST CLASS : Fairclough, Robert (1st of 1st), Harrison Ernest, Saunders, C.

SECOND CLASS : Bluhm, Cyril, Vickers, P., Podmore, F. J.

PASS : Tomlinson, Percy.

ADVANCED.

FIRST CLASS : Bleasdale, Edwin (Dist. 2nd), Clitheroe, Wm., Robertson, Chas. E., Stizaker, Geo.

SECOND CLASS : Ashington, Thos., Markland, Jas., Nicholson, Rd.

English.

ADVANCED.

FIRST CLASS : Sowerbutts, Herbert.

SECOND CLASS : Blacklidge, Annie.

PASS : Thornley, Jas. H.

ELEMENTARY.

First Class : Forrest, A. E., Brindle, Jno. W.

Second Class : Cumming, Wm. Hy., Dodgson, Frank, Gardner, J., Helme. Arthur, Hough, Jas., Newsham, Peter, Pickles, Jno., Pickles, Arthur, Rayner, Wm. Hy., Saunders, Chas., Townley, Robt., Rounds, Dorothy.

Mechanical Engineering.

First Class : Booth, Wm. (Dist. 19), Solloway, Ernest (Dist. 6), Wright, Chas.

Music.

RUDIMENTS.

First Class : Cornall, Hugh, Heaps, Geo., Heaps, Samuel, Welch, Jas., Butler, Susannan, Cooper, Mary, Dickinson, Annie, Gaunt, Annie, Gregory, Edith, Gregson, Florence, Kellett, Ada, Kellet, May, Nightingale, Eliza A., Sanderson, Susannah, Southworth, Nellie, Whitehead, Ellen.

THEORY ELEMENTARY.

First Class : Smails, Samuel, Taylor, Edith (2nd of 1st).

Second Class : Molyneaux, Ernest W., Dunn, Frederick, Woodhouse, Rd., Ayres, Mary E., Bradshaw Lily, Sowerby, Sarah, Taylor, L., Beardsworth, J. B., Holmes, D., Kay, Eliza.

Pass : Smalley, Jenny, Crook, Jno., Ayres, Dora. Fletcher, B. H.

Dressmaking.

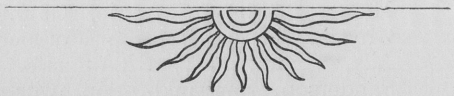
FIRST CLASS : Beetham, Esther, Bolton, Margt., Brennan, Nelly, Evans, Nellie, Hind, Annie.

SECOND CLASS : Billington, Helena, Blinkhorn, Elsie, Dewhurst, Edith, Holden, M., Jackson, A. J., McLean, Eliza, Mitchell, Maggie, Morgan, Mabel, Noblett, Emily, Pye, Ada, Sanderson, M. S., Seed, Dorothy, Smith, Margaret, Mitchell, A.

PASS : Welsh, Lily.

ADVANCED.

SECOND CLASS : Mitchell, Jane A., Varley, Edith.



Local Examination Results.

* *Scholarship and Prize Awarded.*
† *Scholarship only Awarded.*

Shorthand.

ELEMENTARY THEORY.

PASS : Astley, Jas., Atkinson, Walter, Baybutt, Arthur, Jas., Blackburn, Robert, Blackhurst, Herbert, Brandwood, Ed., *Breakell, Hy. G., *Cardwell, W. A., *Charnley, Thomas, *Clarkson, Jno., Collett, Alfred K., Coupe, Wm. Hy., Danson, Percy, Duckworth, Jno. Thos., Francis, Arthur, *Gardner, Cecilia, Goodman, Jos. G., *Gardner, Leonard Chas., *Harrison, Geo., Hemsworth, Wm., Hesketh, Emily, Hindle, Albert D., *Holme, Lawrence, Hough, Jos., *Howarth, Jno. P., *Howarth, Robt. F., Ianson, Jas., Marsden, Fredk., *Maymon, Harold M., McFarlane, Jno., McGraw, Jas., *Myerscough, Thos., Naylor, Sidney, Nelson, Jno. G., Nightingale, Jno. W., Parker, Albert, Parker, Jno. A., *Prescott, Alfred, Shaw, Jno., Smith, Arthur W., Smith, Edith, Sowerbutts, Richard, *Taylor, Wm., *Walton, Jno., Ward, Thos. E., *Whitehead, Chas. F., Whiteside, Jas. T., Wilkinson, W. H., Woods, Richard, *Worden, Ed., Wright, Matthew.

THEORY ADVANCED.

FIRST CLASS : *Parker, Bertie, *Tubman, J., *Mayor, Fred, *Webb, Geo., *Hebblethwaite, Alfred H., *Sowerbutts, Geo.*, Nelson, H., *Reid, J. W., *Clarkson, Rd., Totty, Thos., *Dewhurst, J. W., *Knowling, J.

SECOND CLASS: Nightingale, A., Wallis, A., Gill, F, E., Hilton, Thos., Jackson, G. B,, Kisby, R. S., Edmondson, J.. Fowler, T. A., Conley, J., Threlfall, Wm., Sharples, E. M., Harkness, Jno., O'Donoghue, B. J., Gregson, H., junr., Jackson, J. W., Danson, R. J., Pilkington, H., Snelham, R. D., Dryden, J.

THIRD CLASS: Heys, Ralph, Wareing, Jno., Williamson, E., Broadbent, J., Cunningham, R. A., Cornall, Percy, Hayes, Wm., Garlick, R. E., Hayes, Thos., Whitehead, Jos., Hodgson, J. W., Horridge, J. D., Fitchie, J. D., Brockbank, Jos.

Typewriting.

FIRST CLASS: *Gardner, L. C., *Nightingale, J. N., *Tubman, J., *Hebblethwaite, A. H.

SECOND CLASS: Wilding, Mary E., Studholme, M. J., Williamson, E., Fowler, Thos., Brandwood, E., Taylor, Wm.

THIRD CLASS: McGraw, J., Hothersall, Marie, Shaw, J. G., Roe, W. M.

German.

FIRST CLASS: *Hughes, H. W., *Roe, W. M., *Napthen, E., *Adamson, R. L., *Napthen, Samuel.

SECOND CLASS: Bedwell, W. J., Rounds, H., Marks, A., Rounds, Dorothy.

Latin.

FIRST CLASS : Porter, E.

SECOND CLASS : Matley, L.

Staff Notation (Singing).

ELEMENTARY.

PASS : †Simmonds, J. W., †Norcross, Thos., †Gaunt, Annie, †Thompson, E. H., †Charnley, Sarah, †Park, Emma, †Walls, Mabel, †Duross, Lily, †Archer, Harold, †Worswick, Wm., †Pearson, Hannan, †Adkins, F., †Clarkson, Thos. B., †Walton, Jennie.

ADVANCED.

PASS : †Salisbury, Ruth, †Hesketh, Rebecca, †Lees, Bertha, †Charnley, Ellen, †Renwick, Jos., †Helme, A., †Turner, L., †Roll, W. M., †Helme, Nellie, †Ley, Ernest, †Pomfret, Peter, †Higginson, May, †Redmayne, W. D., †Birch, Beatrice, †Cornall, Hugh, †Crompton, Jno., †Whittle, Rd., †Swarbrick, E., †Iddon, Robert.

Continuation Classes.

ELEMENTARY SCIENCE.

FIRST CLASS : *Southworth, J. A., *Pickering, Ed., *O'Grady, J., *Austin, R. B., *Rattle, A. C., *Hayes, A., *Heywood, Reginald., *Strike, Chas., *Airey, F., *Bradley, J., *Howarth, T., *Webster, W., *Carter, R., *Hayes, W., *Strike, H., *Howarth, T.

SECOND CLASS: Baron, R., Aspden, J., Margerison, J., Pearson, J., Rigby, W., Parker, F., Dixon, W., Kitchen, W. S., Saul, Thos. P.

Arithmetic.

FIRST CLASS: *Haworth, Thos., *Haworth, T., *Webster, Wm., *Baron, Rd., *Bradley, John, *Charnley, Roger, *Aspden, John, *Strike, Henry, *Airey, F. W., *Austin, Robt. B., *Kitchen, W. J., *Pickering, Ed., *Saul, Thomas P., *Wright, Matthew, *Southworth, J. A., *Rigby, Wm., *Heywood, Reginald, *Dixon, Wilfred, *Pragnell, John, *O'Neill, Herbert.

SECOND CLASS: Lee, John, Parkinson, Frank, Hayes, Albert, Hill, Geo., Winders, John, Pearson, James, Hartley, J. F., Rattle, A. C., Rae, Jno., Roberts, W., Roberts, D,, Margerison, Jno. A., Hayes, Wm., Strike, Chas., Bamford, Hy., Walsh, Thos., Woodruff, Jno., Walmsley, Geo.

Art.

*Burnie, John Harold, *Barrett, Albert, †Baron, Robert, †Burrows, William, †Chrystall, Jno., †Duckworth, R. B., *Fallows, Currie, †Hobson, John, †Hornby, T., †Nelson, A. H. †Preston, Edith, †Thelfall, Wm., *Waterworth, William, †Whittle, M.



Table showing the number of Students who sat for Examination in connection with the Board of Education at the Harris Institute, April and May, 1903.

SUBJECT.	Harris Institute.	Winckley square Convent.	Externals.	Total.
ART.				
Geometrical Drawing	12	8	13	33
Model Drawing	58	7	3	68
Freehand Drawing	92	—	2	94
Light and Shade Drawing	25	17	2	44
Principles of Ornament	3	—	—	3
Perspective	8	4	2	14
Design	14	—	—	14
Drawing from the Antique	4	—	—	4
Drawing Antique from Memory	2	—	—	2
Drawing from Life	5	—	—	5
Painting in Monochrome	9	—	—	9
Painting from Still Life	4	—	—	4
Architecture	2	—	—	2
Anatomy	2	—	—	2
Memory Drawing of Plant Form	13	—	—	13
Modelling, Design	4	—	—	4
Drawing on the Blackboard	34	—	23	57
SCIENCE.				
Applied Mechanics	15	—	—	15
Agriculture	35	—	1	36
Botany	8	—	1	9
Building Construction	88	—	—	88
Chemistry, Theoretical	42	—	7	49
Chemistry, Practical Elementary	14	—	—	14
Chemistry, Practical Advanced	4	—	2	6
Geology	9	—	—	9
Human Physiology	6	—	1	7
Hygiene	40	—	8	48
Machine Construction	35	—	9	44
Mathematics	62	—	14	76
Mathematice, Practical	10	—	—	10
Magnetism	10	—	1	11
Physiography	17	35	3	55
Practical Plane and Solid Geometry	42	—	—	42
Steam and Steam Engine	17	—	1	18
Sound, Light, and Heat, Advanced	—	—	2	2
Theoretical Mechanics	9	—	4	13
TOTALS	754	71	99	924

In addition to the foregoing Table, the following shows the number of Students of the Harris Institute examined at the Institute in connection with other classes :—

City and Guilds of Lond m Institute :—

Electric Light and Power	11	
Cotton Spinning	40	
Cotton Weaving	80	
Carpentry & Joinery	48	
Plumbing	39	
Brickwork	6	
Masonry	7	
Mechanical Engineering	8	
Woodwork	8	
		247

Society of Arts :—

Shorthand	9	
Book-keeping	25	
English	1	
Arithmetic	6	
		41
Carried forward		288

Brought forward		288

Lancashire and Cheshire Union of Institntes :—

Shorthand	82	
Book-keeping	110	
Arithmetic and Algebra	99	
French	38	
Music	37	
English	21	
Dressmaking	22	
Cotton Spinning	14	
Cotton Weaving	30	
Woodwork	15	
Commercial Correspondence	3	
Machine Calculations	3	
		474

Examined Locally :—

Music (Staff Notation)	36	
Shorthand	106	
Latin	4	
Preliminary Mathematics	30	
Sick Nursing	40	
Pupil Teachers Classes	224	
Draughtsmanship	18	
School of Agriculture	50	
Workshop Arithmetic	25	
German	10	
Continuation Classes : Science and Art	95	
Typewriting	14	
		652
Total		1414

Harris Institute.—Trustees' Account, 30th September, 1903.

Receipts.	£	s.	d.	£	s.	d.
To Balance in hand, Sep. 30th, 1902				57600	0	0
1st Nov., 1902, Six Months' Interest (less Tax) on £15,000 at 3 per cent., Corporation of Preston	210	18	9			
Do. do. on £29,000 at 3½ per cent., County of Lancaster	475	15	8			
Do. do. on £13,600 at 3½ per cent., Corporation of Preston	210	9	5			
Do. do. on £15,000 at 3 per cent., Corporation of Preston	210	18	9			
Do. do. on £29,000 at 3½ per cent., County of Lancaster	484	4	10			
Do. do. on £13,600 at 3½ per cent., Corporation of Preston	215	3	4			
				1807	10	9
				£59407	10	9
To Balance brought down				£57600	0	0

Payments.	£	s.	d.
By Paid to the Council of the Harris Institute, being Year's Income from Endowment	1807	10	9
,, Balance carried down	57600	0	0
	£59407	10	9
By Invested with Corporation of Preston at 3 and 3½ per cent.	28600	0	0
,, Invested with County of Lancaster at 3½ per cent.	29000	0	0
	£57600	0	0

Examined and found correct,
W. L. MOORE, F.C.A.
Auditor.
8th December, 1903.

Exhibited,
Wm. ASCROFT,
Geo. STEELE,
J. H. HAMMOND,
R. W. ASCROFT.
} Trustees.

T. R. JOLLY,
Secretary to Trustees

Harris Institute.—General Account, September 30th, 1903.

Receipts.	£ s. d.	£ s. d.	£ s. d.
To Interest from Capital		1807 10 9	
,, *Less* to Scholarship Fund		227 19 10	
			1579 10 11
,, Fees and Grants:—			
Science Fees	183 8 6		
Science Grants	369 0 0		
		552 8 6	
Art Fees	71 12 0		
Art Grants	304 8 11		
		376 0 1	
Technical Fees		104 15 6	
Cookery Fees		700 6 10	
Analytical Fees		26 15 6	
Miscellaneous Fees		935 13 0	
			2695 19 5
,, Income Tax returned			219 10 7
,, Grant from Corporation of Preston			1500 0 0
Grant from County Council			550 0 0
,, ,, Students from Administrative County			48 0 0
,, Grant from Board of Agriculture			150 0 0
,, Subscriptions			18 18 0
			6761 18 11
,, Balance Overdrawn, 30th September, 1903			954 15 1
			£7716 14 0

Payments.	£ s. d.	£ s. d.	£ s. d.
By Balance Overdrawn, 30th Sept., 1902			1604 14 1
,, Salaries of Teachers, Institute and Technical	2992 10 0		
,, ,, School of Domestic Science	546 2 4		
,, Secretary, 2 Custodians, Engineer, and Assistant	563 5 4		
,, Alterations, Additions, and Repairs	106 2 8		
,, Apparatus, Books, and Life Studies	309 1 8½		
,, Printing, and Stationery	101 6 7		
,, Advertising	33 13 1		
,, Lighting, Firing and Water	346 2 8		
,, Washing and Cleaning	136 10 10		
,, Rates, Taxes, and Insurance	162 5 8		
,, Examination Expenses	132 1 5		
,, School of Domestic Science	317 14 4		
,, Travelling Expenses—Teachers for Selections and Agricultural Students to Examinations	28 11 3		
,, Rent, Outside Schools	15 0 0		
,, Miscellaneous Expenses	86 7 11½		
,, Bank Charges	85 4 1		
			5961 19 11
,, Paid on Account of Painting and Renovating Technical School			150 0 0
			£7716 14 0
By Balance Overdrawn with London and Midland Bank			954 15 1

Examined and fonud correct,
W. L. MOORE, F.C.A., Auditor.
8th December, 1903.

Wm. ASCROFT, President.
T. R. JOLLY, Secretary.

HARRIS INSTITUTE, PRESTON.

SCHOLARSHIP AND PRIZE FUND, 30TH SEPTEMBER, 1903.

RECEIPTS.	£ s. d.	£ s. d.	PAYMENTS.	£ s. d.
To Balance in hand, 30th September, 1902		231 9 8	By Paid Free Scholarships to various Classes	140 15 6
,, Amount transferred from General Fund, being $\frac{1}{8}$th of Interest from Endowment	227 19 10		,, A. H. Ferguson, Science Scholarship	45 0 0
,, Bank Interest 2 1 11			,, Paid for Prizes	45 15 10
Less Commission 0 5 0				231 11 4
	1 16 11			
		229 16 9	,, Balance in hand	229 15 1
		£461 6 5		£461 6 5
To Balance in hand with the London, City, and Midland Bank	£229 15 1			

Examined and found correct,
W. L. MOORE, F.C.A., Auditor,
8th December, 1903.

Wm. ASCROFT, President.
T. R. JOLLY, Secretary.

HARRIS INSTITUTE, PRESTON.

THORNLEY BEQUEST ACCOUNT, SEPTEMBER 30TH, 1903.

RECEIPTS.	£	s.	d.	£	s.	d.
To Balance in hand 30th Sept., 1902				1218	15	5
,, Interest from Corporation	32	16	4			
,, Bank Interest	3	8	8			
				36	5	0
				£1255	0	5
To Balance brought down				£1227	10	5

PAYMENTS.	£	s.	d.	£	s.	d.
By Paid for Prizes to Artizan Students.				27	10	0
,, Balance in hand				1227	10	5
				£1255	0	5
By Invested with Corporation	1000	0	0			
,, Cash in Bank	227	10	5			
				£1227	10	5

Examined and found correct,
W. L. MOORE, F.C.A., Auditor,
8th December, 1903.

Wm. ASCROFT, President.
T. R. JOLLY, Secretary.

HARRIS INSTITUTE. PRESTON.

GIFT FROM THE EXORS. OF THE LATE JOHN BILLINGTON BOOTH, ESQ., ENGINEERING SCHOOL.

RECEIPTS.	£	s.	d.	PAYMENTS.	£	s.	d.	£	s.	d.
To Balance in hand 30th September, 1902	1932	18	0	By Amount paid for Mechanical Equipment	198	11	10			
,, Further gift of £300 for Engine and Boiler House	300	0	0	,, Do. Electrical	164	0	2			
,, Bank Interest	86	11	6					362	12	0
				,, Bank Charges				0	3	3
								362	15	3
				,, Balance in hand				1956	14	3
	£2319	9	6					£2319	9	6

To Balance in London, City, and Midland Bank £1956 14 3

Examined and found correct,
W. L. MOORE, F.C.A., Auditor,
8th December, 1903.

Wm. ASCROFT, President,
T. R. JOLLY, Secretary.

HARRIS INSTITUTE, PRESTON.

COUNTY COUNCIL AGRICULTURAL ACCOUNT.

RECEIPTS.	£	s.	d.	PAYMENTS.	£	s.	d.
To Balance in hand 30th September, 1902	11	3	8	By Amount paid for Biological Apparatus	11	18	6
,, Bank Interest	0	14	10				
	£11	18	6		£11	18	6

Examined and found correct,
W. L. MOORE, F.C.A., Auditor,
8th December, 1903.

Wm. ASCROFT, President.
T. R. JOLLY, Secretary.

AUDITOR'S REPORT, &c.

To the President and Council of the Harris Institute, Preston,

GENTLEMEN,

I have examined the accounts of the Harris Institute for the year ending 30th September, 1903, and have pleasure in certifying to their correctness and to their accustomed neatness and order. Vouchers have been produced for all payments and the Securities for the Capital Investments have been produced to me. I have examined the Bank Pass Books, and am informed by the Bank's officials that the balances shown therein agree with the accounts in the books of the Banks at the close of the financial year.

Yours truly,

8th December, 1903. W. L. MOORE, F.C.A.

January 26th, 1904.

We, the President and Treasurer of the above Institute, certify in accordance with clause 5, sub-section (c), that the sum of one thousand eight hundred and seventy pounds, ten shillings, and ninepence, has been received by the Trustees as income from endowment for the year ending 30th September, 1903, and that such sum has been credited to the General Funds of the Institute.

WILLIAM ASCROFT, President.
W. R. ROPER, Treasurer.

£1,807 10s. 9.

LIST OF SUBSCRIBERS.

ASCROFT, Mr. W.
ASCROFT, Mr. R. W.
ASSHETON, Mr. R. C.
BOOTH, Mr. Y. W.
BROCKHOLES, Mr. FITZHERBERT
COPLAND, Mr. M. B.
DAVIES, Mr. H.
DICKSON, Mr. E.
EASTERBY, Mr. R. F.
ECCLES, Messrs. T. & Co.
FOSTER, Mr. J. Y.
GREENWOOD, Mr. E.
HEALEY, Mr. J.
HOLLINS, Mr. F.
HORNBY, Mr. H. P.
RAWSTHORN, Mr. J. J.
ROPER, Mr. W. B.
SMITH, Mr. J. R.
STEELE, Rev. Geo.

HARRIS INSTITUTE,

PRESTON.

TWENTY-SECOND

ANNUAL REPORT

AND

STATEMENT OF ACCOUNTS,

FOR THE

YEAR ENDING 30th SEPTEMBER, 1904.

PRESTON:
ANDREW PARKER, Printer and Bookbinder, 19, Avenham Street.
1905.

HARRIS INSTITUTE, PRESTON.

Trustees :

Mr. R. W. Ascroft, M.A., B.C.L.
Mr. W. Ascroft, J.P
Mr. H. Calvert.
Mr. J. H. Hammond, M.D., J.P.
Mr. F. Hollins, J.P.
The Rev. Geo. Steele, M.A.

COUNCIL.

President :

Mr. WM. ASCROFT, J.P.

Vice-President :

The Rev. GEO. STEELE, M.A.

Mr. R. W. Ascroft, M.A., B.C.L.
Mr. H. Bell.
Mr. Y. W. Booth, J.P.
Mr. H. Calvert.
Mr. J. Conner.
Mr. H. Davies, J.P.
Mr. E. Dickson.
Mr. R. F. Easterby.
Mr. J. Y. Foster, J.P.
*Mr. Ald. E. Greenwood, J.P.
Mr. J. H. Hammond, M.D., J.P.
Mr. H. P. Hornby, J.P., C.C.
Mr. F. Hollins, J.P.
*Mr. Ald. W. B. Roper, J.P.

Representing the Corporation of Preston.

Mr. Ald. J. C. Hamilton, J.P.
Mr. Councillor E. J. Andrew.
Mr. Councillor W. Breakell.
Mr. Councillor H. Cartmell
Mr. Councillor J. Rigg, M.B., C.M.
Mr. Councillor J. J. Rawsthorn.
Mr. Councillor J. R. Smith.
Mr. Councilior C. White.

Representing the County of Lancaster.

Mr. R. C. Assheton, J.P., C.A.
Ven. Arch. R. C. Fletcher, M.A. C.A.
Rev. L. C. Wood, B.A., C.A.

Representing Victoria Universities.

Prof. Bone (Manchester).
Prof. W. H. Woodward, M.A. (Liverpool).

* These Members of the Council are on the Corporation of Preston.

Secretary and Registrar :

T. R. JOLLY, F.C.I.S.

Officers and Committe, 1905.

General Purposes Committee:

Chairman: Mr. W. Ascroft. *Vice-Chairman:* The Rev. Archdeacon Fletcher and Mr. H. Davies.

All Members of the Council are on this Committee.

Finance Committee:

Chairman: Mr. Y. W. Booth. *Vice-Chairman:* Mr. E. J. Andrew.

Mr. R. W. Ascroft
Mr. R. F. Easterby
Ven. Archdeacon Fletcher
Mr. J. Y. Foster
Mr. W. B. Roper
Mr. C. White

Agricultural Committee:

Chairman: Rev. L. C. Wood. *Vice-Chairman:* Mr. R. C. Assheton.

Mr. H. Bell
Ven. Archdeacon Fletcher
Mr. J. H. Hammond
Sir F. H. Hibbert
Mr. F. Hollins
Mr. H. Hornby
Mr. J. Y. Foster
Mr. P. S. Park

Avenham Institute Committee:

Chairman: Rev. Geo. Steele. *Vice-Chairman:* Mr. E. Dickson.

Mr. R. W. Ascroft
Prof. Bone
Mr. Y. W. Booth
Mr. J. C. Hamilton
Mr. H. Cartmell
Mr. Henry Davies
Mr. R. F. Easterby
Mr. W. B. Roper
Mr. J. Rigg
Dr. J. H. Hammond
Prof. W. H. Woodward

Technical School Committee:

Chairman: Mr. E. Greenwood. *Vice-Chairman:* Mr. H. Bell.

Mr. Y. W. Booth
Mr. J. Conner
Mr. H. Calvert
Ven. Archdeacon Fletcher
Mr. J. Y. Foster
Mr. J. R. Smith
Mr. C. White

Domestic Economy School Committee:

Chairman: Dr. Hammond. *Vice-Chairman:* Rev. Geo. Steele.

Mr. W. Breakell
Mr. E. Dickson
Mr. R. F. Easterby
Ven. Archdeacon Fletcher
Mr. J. J. Rawsthorn
Mr. J. Y. Foster
Mr. W. B. Roper
Mr. C. White

The President and Vice-President are on all Committees.

HARRIS INSTITUTE, PRESTON.

22nd ANNUAL REPORT.

THE Council have pleasure in presenting their twenty-second yearly report. The progress of the Institute has been remarkable, as shown by the following figures :—

	On Registers.	Average Attendance.	Individual Students.
1st Year.....	396	343	318
1902-3	4768	4192	3188
1903-4	6130	5328	3720
1904-5	6256	5820	3848

During the year the following changes have taken place in the Council :—Mr. Alderman J. Y. Foster has ceased to be a representative of the Corporation, and has been elected a co-optative member in the place of Mr. J. Healey. His place as a representative of the Corporation has been taken by Mr. Councillor White ; and Professor Bone, of Manchester, has succeeded Professor Weiss as representative of the Victoria University.

Mrs. Arnoux, who for many years has presided with much success over the teaching at the School of Domestic Science, has, to the regret of the Council, resigned her position to take up other duties. Her place has been filled by the election of Miss Baster, from the Bristol School, who, since her appointment, has justified the high recommendation from those under whom she had previously worked. Other changes in the teaching staff which have taken place are as follows :—

In our Pupil Teachers' Centre Mr. J. T. Corkhill has been appointed in the place of Mr. J. C. Neill, who has been appointed Headmaster of the Pupil Teachers' School, Nuneaton, and in the Art School Mr. J. D. Revel has been appointed in the place of Mr. Ryland, who has been appointed Head Art Master in the Art School at Maidstone.

In the Pupil Teachers' Centre, in consequence of the changes necessitated by the New Education Act, which came into operation on the 1st April last, the following additional teachers have been appointed :—Miss C. E. McCourty, Miss J. Ashby, and Miss E. Clayton. This Act has increased the work of the centre, as the Probationers must now attend full time on five days in the week, and the Pupil Teachers must attend half time on five days of each week during 40 weeks in the year. For the present the Institute has been constituted a Pupil Teachers' Centre, the intention being that, with the addition of a limited number of males the Protestant females should there be instructed. The numbers in attendance at present are, Probationers : Males, — ; Females, 80. Pupil Teachers : Males, 41 ; Females, 117.

The Council, under the scheme prepared by the Corporation, are entitled to nominate two members of the Education Committee. The members so nominated are Mr. W. Ascroft and the Rev. Geo. Steele.

During the Session the following Lectures were, at the request of the Education Committee, arranged, and they were well attended. To Certificated Mistresses on the Conduct of the Home, Cooking, Infant Feeding, Nursing, Hygiene, &c., Lecture by Dr. Sellers, and to Certificated Masters on Hygiene by Mr. J. Harrison.

A further grant of £200 has been made by Mr. Yates W. Booth, the surviving executor of the late Mr. J. Billington Booth, making with previous grants £2,500, and Messrs. Dick, Kerr, & Co. have made to the Institute a grant of £500. These sums have enabled the Council to complete for the present the equipment of the Engineering Schools, which are now very efficient and working with great success.

The Prizes to successful students were, on the 21st December inst., distributed in the Public Hall by Mrs. and Miss Ascroft, the wife and daughter of the President, at a meeting presided over by the Right Worshipful the Mayor. The function was in every way a complete success.

The hearty thanks of the Council are offered to Mr. Yates W. Booth and Messrs. Dick, Kerr for the gifts mentioned above, and also to the following gentlemen and companies for the contributions named: Messrs. G. Hattersley and Son, Keighley, lantern slides; Messrs. W. Shepherd and Son, Cleckheaton, lantern slides; Messrs. J. and J. Dunlop, Bradford, lantern slides; Messrs. Irvin and Sellers, Preston, samples of timbers and bark; Messrs. The Railway Key Co., Preston, samples of timbers and bark; Messrs. Brierley, Bentley, Adams, and Co., loan of weaving patterns; Messrs. W. Archer and Sons, Bolton, dobby; Dr. R. C. Brown, Preston, cooking utensils and apparatus; Messrs. The Northrop Loom Co., Blackburn, loan of loom; and Mr. A. J. Stavley, timber for wood carving.

Dr. R. C. Brown has also with great kindness allowed the students attending the classes in housewifery opportunities for advancing their studies at his residence, and for this the Council wish to accord him their hearty thanks.

The Finances of the Institute have received the anxious consideration of the Council, to whom the Secretary has presented a full report, which has been referred to the Finance Committee. This subject will shortly again come before the Council. Every effort has been made to keep down expenditure with a due regard to efficiency, but with the growing number or students, the developement of the Engineering School, and increased work necessitated by the Education Act, especially in the Pupil Teachers' Department, it is difficult to avoid increase of outlay if the Institute is to keep pace with the requirements of the town and district and to maintain its high standand of practical usefulness.

W. ASCROFT, Chairman.

HARRIS INSTITUTE.

Proceedings of the Annual Meeting,

HELD 28TH DECEMBER, 1904.

THE annual meeting of the Council of the Harris Institute was held at the Technical School, on Wednesday, the 28th December, 1904. Mr. W. Ascroft, J.P., presided, and there were also present the Rev. G. Steele, M.A., Alderman Greenwood, J.P., Mr. Y. W. Booth, J.P., Mr. J. Y. Foster, J.P., Mr. E. Dickson, Mr. H. Bell, and Mr. T. R. Jolly (secretary).

The Chairman reported that only one nomination for the council in the place of Mr. J. J. Sidgreaves had been made. The name of the gentleman nominated was Mr. J. Conner, of the Electric Works, and he had great pleasure in declaring him duly elected.

The report (see page 5) was read by the secretary.

In moving the adoption of the report, the Chairman remarked that the staff had undergone a few changes during the year, but as had always been the case with them, the members of the staff had left to take up some more important and more lucrative positions. They had lost a very valuable member of the staff in Mrs. Arnoux, who had conducted the school of domestic science for many years with great success. He thought she had been the means of doing an immense amount of good in Preston, and her work had been of as much

practical utility as that of any other part of the Institute. Two representatives of the Council had been placed upon the Preston Education Committee, and from what he had seen of the working of that body he thought it was actuated by a strong determination to improve the educational status of Preston. With regard to the finances of the Institute, it was impossible to conduct classes of the great utility which they had there without increasing considerably the expenses. They had been as economical as they could, and they had kept close to their income, but it was difficult to do so. He did not think scamping education was good economy, and as they were anxious that everything should be done efficiently, they must have money. With regard to their students, he was glad to notice such an intelligent lot of young people. Preston was not played out yet, and in his opinion they had amongst them a promising young population who would be a credit to the Institute and to the town in the future. (Applause.)

The Rev. G. Steele seconded the resolution, and in supporting Alderman Greenwood, remarked that like most educational institutions they were generally wanting money, but there was one redeeming feature about their work, and that was, with the small amount of money at their command they were doing a great amount of work.

The resolution having been carried,

Mr. Y. W. Booth proposed a vote of thanks to the Chairman. He said he did not think there was any other Institute which had had at its head for so long a period a gentleman like Mr. Ascroft, who had devoted such a large amount of time and done so much intelligent work on behalf of the school. They were indeed very fortunate in having such a gentleman to preside over their deliberations. Mr. Foster seconded, and the motion was carried.

Mr. Ascroft, in responding, drew attention to the classes for the study of design, a subject which was of extreme utility in a manufacturing town such as Preston. In conclusion, he expressed a strong appreciation of the work of the Secretary, to whom, he said, a great amount of the success of the Institute was due.

The meeting then terminated.

DISTRIBUTION OF PRIZES

TO THE STUDENTS BY

MRS. ASCROFT,

MONDAY, 19TH DEC., 1904.

THE Annual Distribution of Prizes to the successful students attending the Harris Institute took place on Monday evening, the 19th December, 1904, in the Public Hall, Preston.

There was a large attendance, which was presided over by the Mayor (Alderman W. M. Margerison), and supporting him on the platform were :—The Mayoress, Mr. W. Ascroft, J.P., President of the Institute, Mrs. Ascroft, Miss Ascroft, Sir W. E M. Tomlinson, Bart., M.P., Mr. Harcourt E. Clare, the Rev. George Steele, M.A., Alderman J. Forshaw, Canon Cosgrave, Dr. Hammond, J.P., Councillors Andrew and Wooley, Messrs. Y. W. Booth, J.P., R. W. Ascroft, A. J. Berry, W. F. Ascroft, H. Calvert, H. Bell, J. C. Iles, J. Y. Foster, J.P., W. L. Moore, and Lloyd Evans.

The following members of the staff were also present :—Messrs. J. E. Adamson, J. J. Allen, J. Bayne, W. A. Bennett, R. Billington, W. E. B. Burton, J. H. Binfield, E. Blinkhorn, J. A. Bertwistle, A. Cooper, V. E. Collinge, G. E. Gittins, C. E. Handy, A. W. Holden, H. H. Hughes, W. Jackson, F. W. Jackson, R. H. Jones, J. G. Jones, E. C. Moyle, J. Revel, J. Renwick, R. E. Smalley, Joseph Smith, E. H. Smirk, H. Southworth, J. Tomlinson, F. J. Pye, E. Porter, and J Varley.

The Chairman, in opening the proceedings, said it afforded him great pleasure to be present that night at such an interesting gathering of students in connection with that glorious educational institution. He saw before him young men and young women who were gathering in knowledge for use. They had in connection with the Harris Institute a vast body of young people who were educated. There were few in Preston who understood the dimensions that that educational organisation had reached. When he told them that they had had 3,848 individual students receiving instruction, and when it was first commenced there were only 318, they would see to what it had grown. That year they had had enrolled a larger number of students than had ever received instruction before, the number on the register receiving instruction in various subjects being 6,256. The average attendance had been the marvellous one of 5,820. That, in itself, gave evidence of the interest which was being taken by the students in the knowledge they were receiving. Not only had they students, but they had successful students, and that year among the students they had a larger number studying the advanced sciences and also advanced art than ever before.

The Mayor then mentioned the special prizes which had been obtained.

Mr. R. L. Adamson had won the first position in connection with the Lancashire and Cheshire Institutes in German. Mr. B. Parker had secured the first in French, and Mr. Fred. Gabbott second in bookkeeping.

In connection with the Lancashire and Cheshire Institutes, the Harris Institute had obtained the following special distinctions :— Magnetism, 6 ; cotton spinning, 5 ; cotton weaving, 2 ; electrical engineering, 3 ; cookery, 2.

One of the assistant teachers, Mr. A. A. Cooper, had been awarded the silver medal for anatomical studies, and the National book prize for figure. Miss Margaret Whieldon, an indefatigable student and great prize-winner, had also been awarded the National book prize for figure from the antique.

In connection with science, the following successes had been obtained :—Harry Banister, B.Sc. (Lon)., A. Ferguson, B.Sc. (Wales), Walter Renwick, B.Sc. (Lond.). Maurice R. Turner passed matriculation examination, and is now a student at Owens College ; John E. Renwick matriculated in the first

division, and had since been awarded the £45 scholarship by the Harris Council ; he had also obtained the £60 scholarship awarded by the County Council, and £50 Toynbee Hall scholarship ; he was now at King's College, Cambridge.

Mr. B. H. Rayner had passed the matriculation examination of the University of London in the first division.

Mr. J. Friedenthal had been awarded a King's prize in machine construction. Mr. A. D. Sloan had been awarded a £45 scholarship in science, and was now at Owens College.

In cotton weaving and design, Mr. R. L. Adamson had gained the first position in honours in the United Kingdom, receiving the silver medal of the Cloth Workers' Company, and prizes awarded by the City and Guilds of London. (Applause.)

His Worship then asked Mrs. Ascroft to distribute the prizes.

Mrs. and Miss Ascroft then distributed the prizes to the successful students.

Mr. Harcourt E. Clare, clerk to the Lancashire County Council, moved a vote of thanks to Mrs. and Miss Ascroft. We had, he said, heard a great deal in past years about education, and a more complete organisation of our educational system had been advocated. It was pointed out that the provision for public education in this country was far behind that of most Continental countries and the United States, and that many of our manufacturers had become unable to compete with the foreigner, mainly owing to the fact that the British artisan, and more especially the overlooker and manager, had not had so good a general education, or such a sound instruction in the scientific principles underlying the trade or industry they were following, as their competitors in other nations.

If these statements were true, and he believed they were, then this nation could not hope to continue to hold that position in the trade and commerce of the world which it had hitherto held, unless the people were prepared to make a strenuous effort and find the necessary money to bring the education, particularly the secondary education of this country, up to the high standard found in Continental nations. (Applause.)

Two years ago, a measure was passed by Parliament which completely recognised that it was the duty of the State, aided by the local authorities, to provide free education up to a certain standard for every child in this country, except such as their parents chose to educate out of their own private purse. It also enabled the local authorities to make very extended provision for secondary and technical, or what was now called higher education, if they thought fit to do so, and enable them to raise the necessary funds for doing it. In fact, the Act in general outline carried out what people of all shades of opinion had for years been advocating should be done. But, like any measure emanating from a Government, no matter what the political opinion of that Government might be, it failed in some of its details to receive universal approbation. But it was an Act ; it was in force ; and in Lancashire, at any rate, it was being carried out, as far as he could see, and he knew so far as the Lancashire County Council were concerned, by the Education Authorities with an earnestness and a determination to make the best of it, and with a moderation on the part of those who were opposed to some of the principles underlying some of its details, which was bound to result in good and bound to raise the general standard of education in the county. (Loud applause.)

But how were these efforts being supported by the public ? It was by a general outcry against the increase of the rates. How did the people expect free education to be supplied by the public authorities—for 65 per cent. of the children of this country had previously had their education, so far as it was paid for out of the State funds, supplied by private subscriptions or fees—without any increase of the rates ? The mere fact of the transferring the maintenance of the children of voluntary schools to the public authorities in itself must necessitate an increase of expenditure as compared with the amount previously spent, because it was the duty of the Education Authorities to bring the standard of education in the voluntary schools up to that of the best education in the county schools, and not to lower the standard of the education of the county schools for the sake of economy. How again could people expect the number of secondary schools and technical schools to be increased and the usefulness and scope of their teaching to be extended without finding the money to pay for it ? Apparently that was what the education authorities were expected to do. Let those who objected or raised objections to the expenditure of the education authorities point out where the extravagance was that they alleged.

Let them point out where any substantial economies could be effected without defeating the object of the Act, which was to raise the standard of education in this country. If they could not point out where these economies could be effected surely it did not lie with them to cry out against the expenditure. Nay, moré, it was unjust and unfair for them to raise this outcry against men who voluntarily gave a large amount of their time and their thought to carry out this work for the benefit of the public generally.

With regard to the increase of rates, he did not believe that any local rates now levied for the general purposes of local government would be ever permanently reduced ; still less would be the rate for education. Hitherto education had been pressed upon the people of this country by the more thinking minority who appreciated and understood its value. The masses in this country had never yet taken hold of the importance of education as they had done in the United States. But when the time came, which he ventured to think would not be far off, when those who were generally described as the working classes and the lower middle classes came to recognise the importance of education not only to their children but to themselves, then it would not be a case of the local authorities building a new school here and there for secondary and technical education, and offering all sorts of inducements to try and get students to come and fill them, but it would take the local authorities all their time to control the demands for expenditure which would be made upon them by the people. It would not then be that a shilling rate was sufficient for education, but considerably more than that.

With regard to the agricultural classes carried on by the Harris Institute in connection with the Lancashire County Council, he wished to refer to them because he wanted to illustrate how absolutely negligent certain sections of the community were with regard to taking advantage of the opportunities given. These classes in agriculture were carried on at the Harris Institute, were a thorough sound instruction in the scientific principles underlying farming could be learnt. And in conjunction with these lectures a class of practical instruction was given to the students at the Hutton Farm. The County Council offered to pay every student who would attend those classes an allowance of 10s. per week for expenses. In addition to that, they offered to give twenty-two scholarships, varying from £10 to £60 a year. It would hardly be believed that there were only 65

students attending these classes for the whole of Lancashire. Could anything illustrate the utter callousness of the ordinary Lancashire farmer in not allowing his sons to take advantage of these opportunities, which would enable that boy to earn his living as a farmer, and would render him more useful to his father, when he came back after two years, than he would be if he continued on the farm? One could only hope that the Lancashire farmer would have more regard to his son's interests, and allow him to go to these classes. He would suggest to the Council of the Harris Institute that they should provide two classes to teach the wealthy ratepayers and the man of leisure the duties of citizenship, and try and teach them how important it was, not only to the community in which they lived, but to the nation generally, that they, as responsible men, should go and take their share of the responsible duties of administration, and give up more of their time to the public work, instead of devoting it either to pleasure or the making of money. He would go one step further, and suggest that the first two lecturers for those classes should be the Mayor and Mr. Ascroft. (Applause.) He had great pleasure in moving the resolution.

Canon Cosgrave seconded. He thought something ought to be done to bridge over the school years from 13 to 16, and suggested evening schools, which would make available the lessons that had been given up to that age.

Sir W. E. M. Tomlinson, M.P., supported the resolution, and remarked that they could not speak too highly of the assistance that Mr. Ascroft and his family had given to the cause of education. Speaking of the girls students, Sir William said they knew that many of them had derived enormous benefit from the instruction they had received. He thought, for girls especially, the education they got at that institute was just what they required. They had been taught that no education was worth anything which was not thorough. He was afraid that in elementary schools a great number of girls went through the elementary standards and learnt nothing thoroughly to help them in after life. Many girls grew up to womanhood, and yet had the most elementary ideas of the way to manage their households in such a way to ensure the comfort of their husbands and the proper training of their children.

The vote of thanks was carried with great cordiality.

Mr. W. Ascroft said he desired to express their and his own acknowledgments for the vote of thanks which had been so heartily accorded to his wife and daughter for presenting the prizes to the students who have well deserved them.

His wife and daughter had felt it a great privilege to be asked to take part in that ceremony and to be able to show the strong interest which they had always felt in the welfare of that important Institute. He had also to express their acknowledgments to the gentlemen who had spoken for the very kind observations which they had expressed in support of the resolution.

With reference to the Institute, it was gratifying to all who had a part in its management, whether as members of the Councill or as secretary or members of the staff, to see so satisfactory a result from their exertions. They had now worked together for a great many years, and he could safely say that at no time in the history of the Institute had any other feeling than an anxious desire to promote its welfare actuated any one of them, and that at no time more than the present had a greater feeling of cordiality and mutual respect prevailed amongst those who were responsible for its good government.

It was really surprising how the number of students had grown. When the old Mechanics' Institute was transformed into the Harris Insititute in 1882 the numbers in attendance upon the classes were little over 300. He remembered some years ago that he expressed at one of their distributions what was thought the rather wild expectation that in time some 3,000 students might be brought within the influence of the Institute. That dream had been more than realised. At present the entries on the registers of the various classes ranging through all the subjects exceeded 6,000, representing nearly 4,000 individual students. Since 1882 there must have been at least 15,000 students who had gone through the classes, being instructed in some one or other of the subjects taught, subjects ranging from art and the higher branches of literature and science to the principles of the staple trades and subjects of every-day practical utility, each and all of which had undoubtedly a beneficial effect in forming the tone and character of the students, and in most cases of improving their efficiency and wage-earning power in their several occupations. To detail these advantages and opportunities

at length would occupy more time than would be fitting on this occasion, but he would very shortly refer to some instances of the direct effect which the instruction and opportunities afforded had had on the careers of earnest and attentive students.

More than twenty of their students had taken university degrees. Many medical men had been aided in their studies. Many young architects, surveyors, and contractors had been instructed in the principles of their avocations. By their scholarships many had been enabled to go to some university or to South Kensington. One old student had a picture in the last Royal Academy exhibition. Scarcely an office in Preston was without some representative of the Institute amongst their clerks or principals. Nearly all the masters and mistresses of the elementary schools had received a portion of their training there. Many old students had obtained situations abroad, scientific or commercial, with a salary amounting in one case to £1,200. Many old cotton students occupied responsible positions as managers in mills in Preston and elsewhere.

Last week the Secretary received a letter from an old student who had recently been appointed manager of a Preston manufacturing company, in which he said :—

> "I wish to testify to the value of technical instruction received at the Harris Institute. I have risen from the lowest to the highest position possible in the cotton trade, and I honestly think this would have been an utter impossibility, in my own case, had I not received the benefit of your institution. I do believe the value of the instruction cannot be adequately estimated. What seems to me to be wanted is some means of showing young men (who are careless of the matter) what they are missing."

These cases were merely types. He could multiply them almost indefinitely. Mr. Jolly, with the aid of some of the lecturers, had prepared a much fuller list of students who had attributed much of their success in after life to the advantages received at the Institute.

He hoped that of those who had gained prizes that night it might be possible on some future occasion to give many instances parallel to those to which he had referred. He

trusted that this might be true not merely of the prize-winners but also of many of the greater number of students, probably as deserving, who had not this year succeeded in reaching this high standard, but who by their industry, attention, and conscientious devotion to their work had laid the foundation of future success. In these days of competition, not only between individuals, but between towns and nations, honour, skill, knowledge, intelligence, and industry were prime factors in the production of success, and he claimed for that Institute credit for having done much towards training the townspeople of Preston in the qualities which tended to promote the prosperity of the town and the reputation and well-being of its citizens. (Loud applause.)

On the motion of Councillor Andrew, seconded by Mr. E. Dickson, a hearty vote of thanks was accorded to the Mayor.

During the evening the Harris Choir, conducted by Mr. Joseph Smith, and accompanied on the organ by Mr. James Tomlinson, sang a number of choruses and part songs in capital style.

List of Prizes and Certificates.

AWARDED TO STUDENTS ATTENDING THE CLASSES AT THE HARRIS INSTITUTE, SESSION 1903-4.

SPECIAL PRIZES.

Board of Education.

ART.

Cooper, Arthur A.—Silver Medal and National Competition Prize.
Whieldon, Margt.—National Competition Prize.
Easterby, Margt.—Special Prize.
Lightbourne, Ethel—Special Prize.
Simm, William—Special Prize.
Wilcocks, Henry—Special Prize.

SCIENCE.

Friedenthal, John A.—King's Prize, £2. (Machine Drawing.)

City and Guilds of London.

Adamson, Robert L.—Cotton Weaving—1st Prize, £3 and Silver Medal.

Lancashire and Cheshire Union of Institutes.

Parker, Bertie—French Elementary—1st Prize.
Adamson, Robt. L.—German Elementary—1st Prize.
Gabbott, Fredine—Bookeeping Intermediate—2nd Prize.

Pupil Teachers' Centre.

Rayner, B. H.—Matriculation University of London, 1st Division.

£45 SCIENCE SCHOLARSHIP.

Sloan, A. D.
Renwick, Jno. E., also awarded £60 County Council Scholarship and £50 Toynbee Hall Scholarship.

SCIENCE.

All Students obtaining First Class awarded Scholarship and Prize.

Practical Plane and Solid Geometry.

STAGE I.

FIRST CLASS : Renwick, Jos. A., Sumner, Jno. R., Bennett, Harry, Duckworth, Henry, Mart, Jno. N., Barnes, Thomas, Barnes, Oswald, Brown, Geo., Smethurst, Jas., Coates, Jno., Duckworth, Alf. J., Mason, Thos., Livesey, Thos., Miller, Jos., Worden, William, Wardley, Thos., Livesey, Chas. R., Rayton, Jno. F.

SECOND CLASS : Breakell, Jas., Allen, Jno. J., Kelsey, John, Nowell, Samuel, Fish, Fredk., Humber, Rbt. W., Moss, Francis, Battle, Wm., Tomlinson, Andrew R.

STAGE II.

FIRST CLASS : Bannister, Fred.

SECOND CLASS : Barrow, Henry, Landolt, Fridolin B., Varley, Jno., Alty, Henry.

Machine Construction and Drawing.

FIRST CLASS : Alty, Henry, Jackson, Jno., Seed, Wm., Dobson, Rd., Eastham, Ernest, Mart, Jno., Calverley, Ernest, Wheeler, Fred., Dickinson, Geo.

SECOND CLASS : Jones, James, Lynch, Jno., Sharp, Thos., Wraighte, Percy C.

STAGE II.

FIRST CLASS : Eastham, Bertie H., Friedenthal, John, Wright, Chas. A.

SECOND CLASS : Charnley, Geo. H., Pilkington, Herbert, Duckworth, Wm., Kelman, Wm. H., Woods, Thurston, Shuttleworth, John.

STAGE III.

FIRST CLASS : Ayres, Wm. E., Booth, Wm.

SECOND CLASS : Dale, Jno. S.

Building Construction.

STAGE I.

FIRST CLASS : Calvin, James, Livesey, Chas. R., Baron, Geo., Norris, Wm. A., Smethurst, Jas., Hodgkinson, Arthur, Townley, Peter, Waring, Henry, Bennett, Hy., Brown, Geo., Tomlinson, Andrew R., Collinson, Chas., Metcalf, Rd., Miller, Ed.

SECOND CLASS : Foster, Thos., Berry, Jas. R., Blackhurst, David, Hodson, Hy., Eastham, Thomas, Cockshutt, Jas., Cartmell, Jas., Heywood, Reg., Parkinson, Jno. M., Humber, Robert W., Barker, Albert, Marsden, Wm., Marland, Geo., Cross, Geo., Coupe, Wm., Isles, Jas., Tassiker, Joseph, Gardner, Geo. F., Wilkinson, Thos., Milwain, Jas., Baron, Robert.

STAGE II.

FIRST CLASS : Scholes, Jno. G., Taylor, Wm.

SECOND CLASS : Airey, Frank W., Samuels, Harold, Rigby, Sidney E., Duckworth, Alf. J., Duckett, Rd., Woods, Jos. Sandham, Ben., Lillie, Alf. C. M., Mowbray, F. G., Hurst, Jas.

STAGE III.

FIRST CLASS : Morgan, William.

SECOND CLASS : Waring, Thos., Allen, J. J., Crossthwaite, Wm. G., Burdess, Lionel L.

Mathematics.

STAGE I.

FIRST CLASS : Beardsworth, Wm., Worthington, Wm.

SECOND CLASS : Crozier, H. C., Fletcher, Thos. C., Rigby, Ed. C., Nelson, Wm., Livesey, Chas., Chaloner, A. E., Holmes, Herbert, Spence, Archibald E., Coates, Jno., Smith, Jno., Howarth, Fred.

STAGE II.

FIRST CLASS : Houseman, Jas. B., Turner, Maurice R., Mayor, Fred., Rayner, Benj.

SECOND CLASS : Heywood, Reg., Taylor, Wm., Smethurst, Rd., Hall, Thomas N., Holden, Thomas, Winchester, Jno., Buckley, W. H., Goring, Leonard, Platts, John W., Freeman, James T., Lovelace Madeline, Lovelace Edith, Cartmell, Ed., Helm, A., Watson, George, Forrest, A. E., Wilkinson, Thomas, Crosby, Berkley C.

STAGE V.

SECOND CLASS : Renwick, Jno. E.

Practical Mathematics.

STAGE I.

FIRST CLASS : Geddie, Colin M.

SECOND CLASS : Calverley, Ernest, Alty, Hy., Yates, Simon, Cox, Wm. J., Bradshaw, G. E., Eastham, Ernest.

STAGE II.

SECOND CLASS : Wright, Chas. A., Banister, Fred., Ayres, Wm. E.

STAGE III.

SECOND CLASS : Landolt, F. B.

Theoretical Mechanics.

STAGE I.

FIRST CLASS : Wright, Charles A.

STAGE II.

SECOND CLASS : Bannister, Fred.

Applied Mechanics.

STAGE I.

FIRST CLASS : Calverley, Ern., Geddie, Colin M., Yates, Simon, Southworth, James, Charnley, Geo. H., Alty, Henry, Dale, John S., Rigby, William, Wilding, Ernest S.

SECOND CLASS : Renwick, Jos. A., Sumner, Jno. R., Seed, Wm., Worden, Wm., Mart, John N., Wareing, William, Bradshaw, Granville, Foster, John H., Pilkington, Herbert, Walton, Seth, Eastham, Ernest, Wall, Samuel, Lancaster, Hodson H.

STAGE II.

FIRST CLASS : Dixon, James S., Ayres, Wm., Sloan, Alex. D., Booth, Wm.

SECOND CLASS : Solloway, Ernest, Banister, Fred., Wright, Charles A., Kelman, Wm. H. M., Stanley, Hereward E., Coupe, Roger.

Sound, Light and Heat.

STAGE I.

FIRST CLASS : Houseman, Jas. B., Baker, Saml., Airey, Frank.

SECOND CLASS : Dundon, Patrick.

Magnetism and Electricity.

STAGE I.

FIRST CLASS : Dewhurst, Wm., Woods, Alf., Bagot, Wm., Houseman, James B., Hayes, Jno, R., Hodgkinson, Geo. H., Way, Wm.

SECOND CLASE : Huggon, Wm., Collinge, Jas., Howat, Fredk. E., Lancaster, Hodson H., Wallis, Albert, Bilsborrow, Ed., Ayres, Geo. H.

STAGE II.

SECOND CLASS : Landolt, Fridolin B., Shaw, Jno. G., Banister Fred., Cobbe, Fred.

STAGE III.

SECOND CLASS : Renwick, Jno. E.

Theoretical Inorganic Chemistry.

ALTERNATIVE STAGE.

FIRST CLASS : Kay, Richard P., Moore, Keith H., Dobson, Thomas M., Stuart, Rd.

SECOND CLASS: Ashley, Alice M., Crossley, Elsie, Wareing, Eleanor, Aspinall, Helen, Clare, Phœbe, Kenworthy, Jno. L., Rosbotham, Thomas, Bourne, Samuel J. E., Myrescough, Rd.

STAGE I.

FIRST CLASS: Mayor, Fred., Saunders, Chas., Sugden, Wm., Bond, Jas. R., Fisher, Jno., Stoker, Wm. R., Dundon, Patrick, Hayes, Jno. R., Buckley, W. H., Laidler, Geo. J., Gardner, Wm. L., Dobson, Rd., Harrison, Ernest.

STAGE II.

FIRST CLASS: Landolt, F. B., Cowperthwaite, Wm.

SECOND CLASS: Cartmell, Ed., Simpson, Alf., Eaton James, Banister, Fred., Craven, Richard, Turner, Maurice R., Crosby, Berkeley C., Renwick, Jno. E.

STAGE III.

SECOND CLASS: Higginson, Arnold.

Theoretical Organic Chemistry.

STAGE I.

SECOND CLASS: Turner, Maurice R., Banister, Fred.

Practical Inorganic Chemistry.

STAGE I.

FIRST CLASS: Way, Wm., Kirkham, Henry.

SECOND CLASS: Rimmer, Thos., Saunders, Chas., Dobson, Richard, Mayor, Fred., Dundon, Patrick, Laidler, Geo. J., Bond, James R., Gardner, W. L.

STAGE II.

FIRST CLASS : Crosby, Berkley C., Turner, Maurice R., Cartmell, Ed., Cowperthwaite, William, Renwick, Jno. E., Hargreaves, Jas., Craven, Rd. A.

SECOND CLASS : Eaton, Jas., Wilson, Jno., Robinson, Jno., Nickson, Kate M., Anyan Annie, Inions, Grace, Simpson, Alf., Bellamy, Gilbert D., Kirkman, Fredk. B.

STAGE III.

FIRST CLASS : Litton, Herbert P.

SECOND CLASS : Landolt, F. B., Higginson, Arnold.

Geology.

STAGE I.

FIRST CLASS : Robinson, Jno., Sugden, Wm., Stanifoth, Robert W., Harrison, Ernest.

SECOND CLASS : Stoker, Wm. R., Richardson, Robert, Inions, Grace, Bond, Jas. R., Fisher, Jno., Wilson, Jno., Nickson, Kate M., Saunders, Chas., Anyan, Annie G., Kilroe, Alf.

Humam Physiology.

STAGE I.

FIRST CLASS : Mc. Courty, Constance.

SECOND CLASS : Whitehead, Hy., Townend, Annie.

Botany.

STAGE I.

FIRST CLASS : Shaw, Jno. G., Kellett, Mary E., Bond, Jas. R., Stoker, Wm. R., Sugden, Wm.

SECOND CLASS : Banister, Jno. R., Mason, Mary G., Robinson, John.

STAGE II.

SECOND CLASS : Eaton, Jas., Nowell, Francis.

Steam.

STAGE I.

FIRST CLASS : Mason, Thos., Cox, Wm. J., Mart, Jno. N., Yates, Simon, Wall, Samuel, Alty, Henry, Dale, Jno. S.

SECOND CLASS : Adamson, Harry, Worden, Wm., Bradshaw, Granville, Renwick, Jos., Sumner, Jas. R., Coupe, Roger, L'Estrange, Wilton, Smith, Ernest B., Walton, Seth, Foster, John H.

STAGE II.

FIRST CLASS : Booth, Wm., Wright. Chas. A.

SECOND CLASS : Solloway, Ernest, Brown, Jas. F., Stanley, Herewood, E., Sloan, Alex., Southworth, Jas., Dixon, Jas. S.

Physiography.

SECTION I.

PASS : Mayor, Fred., Smethurst, Rd., Fletcher, Edith, Rayner, Benj., Holden, Thos., Garth, Margt., Hall, Henry G., Goring, Leonard, Buckley, Wm. H., Brown, A. B., Gatenby, Geo. F., Garstang, Ada, Hayes, Maud, Hoyle, Emma C.

STAGE I.

FIRST CLASS : Houseman, Jas. B.

STAGE II.

FIRST CLASS : Landolt, Fridolin.

SECOND CLASS : Brewer, Fredk.

Agriculutre.

STAGE I. (Division I.)

FIRST CLASS : Clare, Phœbe.

SECOND CLASS : Crossley, Elsie, Mart, Alice M., Thompson, Wm., Peak, Jno. H., Rosbotham, Thomas, Openshaw, Oswald, Kenworthy, Jno. L., Glover, Hy.

STAGE II.

FIRST CLASS : Stockley, Wm. T.

SECOND CLASS : Harrison, Ernest, Podmore, Fredk., Bond, Jas. R., Kirkham, Hy., Bluhm, Cyril, Tomlinson, Percy, Stoker, Wm. R., Fisher, Jno., Rimmer, Thos., Saunders, Chas., Sugden, Wm.

STAGE II. (Division II).

SECOND CLASS : Richardson, Robert, Staniforth, Robert W., Eaton, Jas., Faraday, Fredk., Kilroe, Alf., Wilson, Jno., Robinson, Jno., Simpson, Alf.

STAGE—HONOURS.

SECOND CLASS : Lonsdale, Jno. M., Eastham, Alf.

Hygiene.

STAGE I.

FIRST CLASS : Hoyle, Emma C., Marquis, Kate. Alty, Ellen, Bridge, Marion, Fennessey, May.

SECOND CLASS : Sergeant, Margt., Milner, Agnes, Thompson, Kathleen, Knowles, Elizabeth, Cockshott, Dora, Coop, Margt. A., Collinson, Margt. M., Murray, Mary A., Brown, Annie B., Pimley, Mary E. H., Cronin, Catherine, Pownall, Lilian, Smith, Isabella, Smith, Marie, J., Leech, Mabel R., Wilding, Lilian C., Burrows, Marion, Ward, F. M., Coulson, Edith, Mann, Lillie.

STAGE II.

SECOND CLASS : Townend, Annie.

SCHOOL OF ART.

Board of Education Examinations.

* *Scholarship Awarded.*

† *Scholarship and Prize Awarded.*

Geometrical Drawing.

FIRST CLASS : O'Neil, Jessie, *Barrett, Albert E., *Walsh, James.

SECOND CLASS : Sanderson, Robert, Wilding, Herbert R. C., Simm, Wm., Ascroft, James, Myrescough, Richard, Smith, Albert, Webster, William, Fuller, Dorothy M.

Freehand Drawing in Outline.

FIRST CLASS : †French, Katie C., *Jump, Eunice L., †Marland, James W., *Rayner, Benj. H., *Wilding, Herbert, R. C., *Winchester, John, *Smethurst, Rd., *Clegg, Edgar, *Hall, Henry G., *Gatenby, George F., †Bryning, Frances M., †Easterby, Margt., †Alderman, Grace M., †Hill John B., †Simm, William, *Anderton, Nathan, *Burrows, William.

SECOND CLASS : Wilkinson, Thomas R., Barker, John W., Armstrong, Edith A., Jump, Ethelwyn V., Simms, Sharon A., Burnie, John H., Anderton, Margaret, Garth, Margaret, Mayor, Fred, Byers, Amelia F., Casson, Amy, Pomfret, Annie, Baines, Nellie, Bellamy, Gilbert D., Jones, Ethel, Catterall, Ethel, Jones, Lilian, Garstang, Ada, Foster, Mary, Dawson, Mary, Halliwell, Elizabeth, Morgan, Jessie A., Baxendale, Thomas, Forrest, Albert, E., Brewster, Isabel.

Model Drawing.

FIRST CLASS: †Whieldon, Margaret, *Tuson, James, †Simm; William, †Barker, John W., *Wilkinson, Thomas R., *Rawcliffe, Elizabeth, *Wiseman, Edith M., *Watson, George, *Holmes, Herbert, †Wood, Isabel Bond, *Nelson, Sarah E.

SECOND CLASS : Platts, John W., Marland, James W., Glaister, Thomas H., Brown, May, Nelson, Wm., Proctor, Florence, Wilding, Herbert R. C., Hill, John B., Cummins, Alicia M., Sudell, Eleanor, Fuller, Dorothy M., Bryning, Frances M., Walsh, James, Eccles, Geo., Brewster, Isabel, Wilkinson, Thomas, Cross, James, Tomlinson, Jane, Fraser, Sarah, French, Katie C., Howarth. Fred, Roscoe, Marion F., Fell, Margaret, Gosling, Florence, Martin, Bertha, Baines, Catherine, Brown, Annie B., Breakell, Elizabeth, Preston, Edith, Hall, Thos. N., Iddon, Alice, Martin, Ada M., Barrett, A. E.

Drawing in Light and Shade.

FIRST CLASS : Whieldon, Margaret, Haydock, Josephine M., †Simm, William, †Alderman, Grace M., †Barker, John W.

SECOND CLASS : Rayner, Benj. H., Brewster, Isabel, Sisson, Ernest, Easterby, Margaret, Bryning, Frances M., Wiseman, Edith M., Hill, John B.

Drawing from Life.

SECOND CLASS : Cooper, Arthur A.

Architecture.

FIRST CLASS : Haydock, Josephine M., Whieldon, Margaret.

SECOND CLASS : Burton, Wm. E. B.

Drawing of Common Objects from Memory.

FIRST CLASS : Whieldon Margt., Wilcocks, Harry C.

SECOND CLASS : O'Neil, Jessie, Hay, Wm. R.

Design.

STAGE I.

FIRST CLASS : *Hunter, Jane, O'Neil, Jessie.

SECOND CLASS : Brewster, Isabel, Lightbourne, Ethel G., Burton, Wm. E. B., Wilcocks, Harry C., Hay, Wm. R., Wilding, Herbert R. C.

STAGE II.

SECOND CLASS : Cooper, Arthur A.

Perspective.

FIRST CLASS : †Nicholson, Richard, Whieldon, Margaret, †Burton, Wm. E. B., *Burdess, Lionel L.

SECOND CLASS : Bellamy, Bertha D., Platt, Reuben, Haydock, Josephine M., Simm, Wm.

Painting—Still Life.

FIRST CLASS : Simm, Wm., O'Neil, Jessie.

SECOND CLASS : Burton, Wm. E. B.

Drawing from the Antique.

FIRST CLASS : Hunter, Jane, Simm, Wm, †Hay, Wm. R.

SECOND CLASS : Haydock, Josephine, M.

Painting Ornament.

SECOND CLASS : Burton, Wm. E. B., Wilcocks, Harry C., Wilding, Herbert R. C., Haydock, Josephine M., Cooper, Arthur A.

Anatomy.

FIRST CLASS : Nicholson, Richard.

SECOND CLASS : Richmond, Harry, Hay, Wm. R., Burton, Wm. E. B.

Drawing on the Blackboard.

FIRST CLASS : Simm, William, Wood, Isabel Bond.

SECOND CLASS : Breakell, Elizabeth, Brown, Annie B., Brown, Margaret, Eccles, George, Fell, Margaret, Fish, Edith, Gosling, Florence, Gregson, Margaret, Hayes, Maud, Helme, Dora, Hoyle, Emma C., Kellett, Ada, Milner, Agnes, Milner, Mary E., Nelson, Sarah E., Pimley, Mary E. H., Rawcliffe, Elizabeth, Roscoe, Marion, Thompson, Kathleen, Tomlinson, Jane, Walsh, James P.

Memory Drawing of Plant Form.

FIRST CLASS : O'Neil, Jessie, †Richmond Harry.

SECOND CLASS : Haydock, Josephine M., Whieldon, Margt., Hunter, Jane, Burton, Wm. E. B., Simm, Wm., Wilding, Herbert R. C., Hay, Wm. R.

Modelling Design.

FIRST CLASS : Whieldon, Margaret.

SECOND CLASS : Cooper, Arthur A.

Result of Examination of Works submitted in 1904 for the Art Class Teachers Certificate and Art Masters Certificate.

Alderman, Grace,	Subject	5b	A.C.T.C.
Bryning, Frances,	,,	5b	A.C.T.C.
Burton, Wm. E. B.,	,,	10	A.C.T.C.
Cooper, Arthur A.,	,,	8b2	Group I.
,,	,,	22b	Group 1.
Easterby, Margaret,	,,	5b	A.C.T.C.
,, ,,	,,	5a	A.C.T.C.
Fuller, Dorothy,	,,	5a	A.C.T.C.
Haydock, Josephine,	,,	10	A.C.T.C.
,, ,,	,,	1d	Group 1.
Lightbourne, Ethel,	,,	5b	A.C.T.C.
Simm, William,	,,	5a	A.C.T.C.
,, ,,	,,	5b	A.C.T.C.
,, ,,	,,	1a	A.C.T.C.
,, ,,	,,	10	A.C.T.C.
Whieldon, Margaret,	,,	8c	Group I.
,, ,,	,,	1c	Group 1.
,, ,,	,,	8b2	Group 1.
,, ,,	,,	10	A.C.T.C.
Wilcocks, Henry,	,,	5a	A.C.T.C.

SPECIAL ART PRIZES.

Outline from Cast, 1st, Margt. Whieldon, 2nd, Josephine Haydock ; *Shaded Models,* 1st, W. Simm, 2nd, M. Easterby ; *Shaded Cast,* 1st, W. Simm, 2nd, Frances Bryning ; *Drawing from Antique (Figure),* 1st, A. Cooper, Margaret Whieldon ; *Drawing from Life,* 1st, W. E. B. Burton, 2nd, W. Hay ; *Studies of Drapery,* 2nd, W. E. B. Burton ; *Details from Life,* 1st, Margaret Whieldon, Wm. Simm ; *Textile Design,* 1st, Josephine Haydock 2nd, A. Wilding ; *Architectural Drawing,* 1st, Josephine Haydock ; *Details from Antique,* 1st, Grace Alderman, 2nd, Wm. Hay ; *Head from Life,* 1st, Florence Poole, 2nd, A. Cooper, ; *Set of Nine Freehand Copies,* 1st, T. Baxendale, 2nd, Ethelwyn, Jump ; *Set of Nine Model Copies ;* 1st, J. Marland, 2nd, Kate French ; *Set of Three Shaded Drawings,* 1st, J. Hill.

Union of Lancashire and Cheshire Institutes.

Examination Results, 1904.

---

* *Prizes and Scholarships Awarded.*

Commercial Correspondence.

FIRST CLASS : *Alston, Christopher, *Helme, Arthur.

SECOND CLASS : Calderbank, J. A., Gardner, Jno., Hebblethwaite, A. H,, Simons, Rd.

PASS : Lancaster, Thos., Lindsay, Jno. G., Simons, Arthur, Strickland, Hy., Ward, Thos. R., Reeder, Nancy.

Arithmetic.

SENIOR COMMERCIAL.

FIRST CLASS : *Willmott, H. B., *Hodgkinson, Fred.

SECOND CLASS : Alston, Chris., Arkwright, James, Hall, Ed.

PASS : Gardner, James, Gardner, Jno. H., Hamilton, Victor H., Marginson, Wm., Renwick, Jos. A.

JUNIOR COMMERCIAL.

FIRST CLASS : *Chadderton, Wm., *Cocker, A. E., *Cocking, Robert, *Higginbottom, T., *Lund, Thos., *Pilkington, John A., *Taylor, Hy. J., *Townley, Peter, *Wilkinson, John, *Ainsworth, Ed.

SECOND CLASS : Anderton, Wm., Bradley, John, Charnley, Roger, Foster, Robert, Houghton, Hy. C., Howarth, Thomas, Johnston, Chris., Lowe, Wm., Pickering, Ed., Pickles, Arthur, Robinson, Henry, Saul, Thos., Sidgreaves, Thos., Smith, Jno. F., Webster, Wm., Wright, Jonathan, Yates, Margt.

PASS : Aspden, Jno., Bradley, Jno., Dickinson, P., Gardner, Wm., Gill, Thos. E., Hayes, Wm., Johnson, Henry, Johnston, Fraser, Slater, James, Spencer, Rd.

ELEMENTARY.

FIRST CLASS : *Ainsworth, Ernest, *Ainsworth, Thos., *Broadbent, Jas., *Clitheroe, J., *Craven, Leo., *Eccles, Wm., *Fish, Frederick, *Haworth, Rd. H., *Hilton, James, *Newsham, Peter, *Noblet, Thos., *Potts, Jas., *Prescott, J. A., *Reid, Jno. W., *Schofield, N., *Smalley, J., *Sowerbutts, Sidney, *Trafford, F., *Ward, Frank, *Williams, Wm. J., *Wright, Matthew W., *Yates, Lily.

SECOND CLASS : Addison, Jno. H., Carter, Robert, Cocks, Jas., Eastham, Jas., Fisher Robert, Hayton, Ed., Heaton, Jno., Hodson, John, Hothersell, Hy., Kirkham, Ed., Knowles, Wm., Quick, Hy., Rigby, Wm., Robinson, James, Taylor, William, Thackwray, H. L., Waddington, E., Whittingham, J. R., Winders, Jno., Wood, Colin C., Worrall, Frank.

Bookkeeping.

PRELIMINARY GRADE.

FIRST CLASS : *Ainsworth, Ed., *Challen, J. W., *Clough, Wm., *Williamson, C., *Cocker, A. E., *Fitchie, J. F., *Gardner, Jas., *Hamilton, Victor H., *Burnett, Mary H., *Hayes, Joseph, *Hilton, James, *Hopkinson, Samuel, *Hubbard, Jos., *Jolley, Walter, *Lawton, A., *Park, Hy., *Robinson, Henry, *Slater, James, *Snelham, Richard, *Taylor, H. J., *Taylor, Wm., *Townley, Peter, *Townley, Robert, *Tubman, Jos., *Wareing, Jno., *Wilson, H. C.

SECOND CLASS : Ainsworth, Martha, Ainsworth, Mary, Ainsworth, Mary, Mc.Graw, J. S., Masheter, Wm., Pickles, Arthur, Shaw, J. G., Wood, Colin, C., Armstrong, L., Beardsworth, Jane, Jackson, Jas., Kisby, R S., Leach, Thos., McDonald, J. N. W., Brandwood, Ed., Brown, Geo., Cotton, Hy., Eastham, F., Walmsley, E. E., Eller, Jos., Fox, Thos., Garth, Albert, Whitehead, F., Whittle, D. H., Gregson, I. A., Grime, P., Higgins, Thos., Hill, S. P., Smails, Walter, Sowerbutts, S., Waring, Geo., Whittle, Ed., Porter, Cissie, Whittle, Jno., Craven, Leo.

PASS : Cottam, E., Hardman, J., Kay, Thos., Parkinson, Harold, Pickles, Jno., Threlfall, T. M., Kilshaw, Jenny.

INTERMEDIATE.

FIRST CLASS : *Baxter, J. S., *Carling, Thos., *Ferris, Rd. E., *Gabbott, Fredk., *Goring, Fredk., *Jackson, G. B., *Pattinson, Jno. C., *Smith, Jos. H., *Wilcock, Jno. E., *Sharples, Edith M., *Whittaker, Percy, Wilkinson, Wm. H., *Willmoth, Hy. B., *Adkins, F., *Butcher, Ed. E., *Chitson, Geo. C., *Cuming, H., *Danson, F. A., *Gardner, L. C., *Goodman, Jos., *Gregson, Hy., *Hartley, Wm., *Holmes, Thos., *Houghton, Rd., *Johnston, Thos. C., *Lowe, Robert, *Mowbray, S. G., *Myerscough, Thos., *Nelson, H., *Pomfret, Jno. W., *Porter, Wm., *Prescott, Alfred, *Sisson, Ed., *Threlfall, Andrew, *Usher, Herbert, *Whitehead, Arthur, *Whiteside, Jas. T., *Dimmock, Walter.

PASS : Atherton, Fred., Lindsay, A. D., Worthington, Wm., Waterworth, Ed.

ADVANCED.

FIRST CLASS : *Parker, Ernest (Dist.), *Bradshaw, Thos., *Crozier, F. H., *Fitchie, Jno., W., *Fryer, F. J., *Gill, John, *Guest, Thos., *Haworth, O., *Helme, Arthur, *Hughes, H. W., *Lowe, Wm. E., *Rawcliffe, F. A., *Rowland, James, *Webb, Geo., *Myerscough, Hetty, *Seed, Thos.

SECOND CEASS : Cuming, W. H., Eccles, Wm., Halliwell, Percy, Hampson, Frank, Seed, Albert E., Smalley, Jos., Southworth, Thos., Threlfall, A. W., Yates, Rufus, Willmoth, A.

Woodwork.

FIRST CLASS : Robertson, Chas. (Dist.), Allen, J. J., Clitheroe, Wm., Crossthwiate, W. G., Fairclough, Robert, Markland, J., Nicholson, R., Sandham, R., Stobart, Thos.

SECOND CLASS : Charnley, James,

English.

ELEMENTARY.

FIRST CLASS : Westall, Geo.

SECOND CLASS : Brown, Jno., Dearden, J., Flintoff, Thos. A., Hoon, Fredk., Jump, Harold, Knowling, Harold W., Monks, Jas., Ward, Frank, Wright, J,, Dixon, Grace, Homes, Dora., Robinson, B., Yates, Lily, Yates, Margt.

ADVANCED.

SECOND CLASS : Brindle, Jno. W., Cumming, Wm. H., Forrest, A. E., Hodson, Wm., Landolt, F. B., Roll, W. M.

Mechanical Calculations.

ELEMENTARY.

FIRST CLASS : Alty, Henry, Bellamy, L. D., Calverley, Ernest, Coupe, Roger, Cox, Wm. J., Dale, Jno. S., Eastham, Ernest, Geddie, C. M., Renwick, J. A., Southworth, J., Bradshaw, G. E.

SECOND CLASS : Adamson, Hy., Ormerod, H. B., Pilkington, Herbert, Rigby, Wm., Yates, Simon.

PASS : Marginson, W., Shuttleworth John, Blackburn, Geo. A.

ADVANCED.

FIRST CLASS : Booth, William.

SECOND CLASS : Banister, Fred., Brown, Jas. F., Wright, Chas. A., Kelman, W. H., Solloway, Ernest.

PASS : Stanley, H. E.

Electrical Calculations.

FIRST CLASS : Ayres, Wm. (Dist.), Prideaux, Wm. H. C. (Dist.), Sloan, Alex. D. (Dist.), Burton, Geo. C., Fletcher, Geo. H., Renwick, Jno. E.

SECOND CLASS : Angus, Jas., Coates, Rd., L'Estrange, Wilton, Mayor, Robert, Nelson, Anthony, Osborne, Wm. G., Simpson, N. W.

PASS : Butler, Herbert, Coates, Wm., Lowe, Robert, Wheeler, Wm.

Workshop Arithmetic.

FIRST CLASS : *Duckworth, Hy., *Mart, Jno. N.

SECOND CLASS : Duckworth, R. B., Heaps, Ed., Lancaster, H. H., Miller, Jno., Moss, Francis, Seed, Wm., Sumner, Jno., Worden, Wm., Worrel, Frank.

PASS : Airey, Frank, Barnes, Oswald, Bennett, Hy., Blackburn, Jas., Burton, Foster, Butterworth, L., Livesey, Thos., Nutter, Percy, Smethurst, Jno. A., Smith, Jno., Stewart, Hy.

Algebra.

FIRST CLASS : *Cockshott, G. D. (Dist.), *Howarth, Fred. (Dist.), *Rigby, Ed., (Dist.), *Dawson, My. (Dist.), *Heywood, Reg. (Dist.), *Cocking, Robert T., *Fletcher, Thos., *Fletcher, Edith, *Nelson, Wm.

SECOND CLASS : Chaloner, A. E., Coates, Jno., Holmes, Herbert, Ianson, Jas., Spence, A. E., Wignall, Rd. H., Bellamy, B. D., Dawson, Margt., Gillings, Violet, Snelham, A.

PASS : Barton, Wm., Bradley, Jno., Collins, E., Crozier, H. C., Hodson, Fredk., Richardson, Jas., Tomlinson, Robert, Wright, Jonathan, Burnett, Frank, T.

Magnetism.

FIRST CLASS : *Butler, H. L. J. (Dist.), *Houseman, J. B. (Dist.), *Renwick, Jno. E. (Dist.), *Wallis, Albert (Dist.), *Landolt, F. B. (Dist.), *Bannister, F., *Cartmell, Ed., *Crosby, B. C., *Eastham, Alf., *Fisher, Geo., *Foster, Jno. H., *Spencer, G. W., *Turner, Maurice, *Woods, Alf.

SECOND CLASS : Ayres, Geo. H., Bagot, Wm., Bamber, Francis, Barrett, A. E., Berry, Wm., Bilsborrow, Ed., Dewhurst, Wm., Duckworth, Wm., Haworth, Thos., Hayes, J. R., Howat, F. R., Huggon, Wm., Hull, Jno., Lonsdale, Jno. M., Rae, J. H., Shakeshaft, Fred., Wibberley, Thos., Way, Wm., Walton, Seth.

PASS : Barnes, Oswald, Collinge, Jas., Duckett, Jno. J., Grenfell, Edwin, Hodgkinson, Geo. H., McKay, Hy., Mather, Jno., Seed, Geo. W., Stevenson, Jos., Whitby, Jno., Holmes, Arthur W., Lancaster, H. H., Lawson, J.

German.

ELEMENTARY.

FIRST CLASS : *Adamson, R. L., *Hodson, Wm., *Hughes, H. W., *Napthen, Samuel W., *Klein, Bessie, *Wilkinson, E. A.

SECOND CLASS : Berry, Wm.

French.

INTERMEDIATE.

FIRST CLASS : *Wilkinson, Elizabeth E., Porter, *Bert.

SECOND CLASS : Wignall, Ellen, Johnston, Thos. C., Cartmell, Ed., Rayner, B. H., Mapp, Eliza A., Winchester, John, Sergeant, Margt., Southworth, Jno., Barber, Hy., Aveline Annie.

PASS : Whittle, John, Kellett, Clara, Pimley, Annie, Anderton, Margt., Robinson, Rd. C. R., Blackledge, Annie, Sprake, Gilbert E., Houghton, Hy. C.

ELEMENTARY.

FIRST CLASS : *Gorman, Rd. B., *Mayor, Fred., *Parker, Bertie, *Teasdale, Wm.

SECOND CLASS : Forrest, A. E., Gardner, L. C., Goring, Leonard, Knowling, H. W., McDonald, J. H. W., Cummings, A. M., Garstang, Ada, Halliwell, Elizabeth, Hardman, Mabel, Livesey, Lilian, Mee, My. E., Rawcliffe, M. E., Dean, Alf.

PASS : Holden, Thos., Porter, Hy., Stazicker, Hy., Anderton, Margt., Houseman, J. B.

Cotton Spinning.

FIRST CLASS : *Gardner, Thos. P, (Dist.), *Gill, John (Dist.), *Leyland, Jos. (Dist.), *Simcock, W. (Dist.), *Robinson, Thos. (Dist.), *Blackhurst, David, *Carpenter, A., *Crozier, F. B., *Halliwell, Percy, *Kirkham, William.

SECOND CLASS : Barton, Jno. W., Booth, John, Haire, Herbert, Nourse, Henry, Ward, Jno. T., Wareing, Jno. M., Robinson, Jas.

PASS : Bolton, F. B., Partington, Joseph.

Cotton Weaving.

FIRST CLASS : *Welsh, Jos. (Dist.), *Pateson, L. C. (Dist.), *Blackburn, Robert, *Clucas, Bruce, *Coates, Ed., *Marland, F. R., *Taylor, F., *Walmsley, Jos., *Johnson, Wm., *Ireland, Fredk.

SECOND CLASS : Berry, Jos., Blackhurst, E. H., Creed, B. R., Garstang, Rd., Holt, Wm. Chas., Mills, William, Richmond, Hy., Scholfield, Newton, Taylor, T. S., Westall, Walter, Whalley. T. R., Whittle, Wm., Worden, William, Wright, Thos., Knowles, James.

PASS : Scowcroft, Geo., Westhead, Jas. H., Whiteside, Jas., Rigby, Thos.

Shorthand.

ADVANCED THEORY.

PASS . Atkinson, Walter, Billing, Arthur, Butterfield, Arthur, Churchman, H. J., Cunningham, Rd. A., Hamilton, Victor H., Helme, Henry, Hothersall, Jas. E., Howarth, Jno. P., Howarth, R. F., Jackson, Thos., Jump, Harold, Lawton, Arthur, Sisson, Edwin, Strickland, Henry, Turner, Walter, Wareing, Geo., Winn, Fredk., Gardner, Gertrude, Reid, Chas. S., McGraw, James.

ELEMENTARY THEORY.

PASS : Brandwood, Ed., Brockbank, Jos., Dalton, Wm., Higgins, L. J., Hill, S. P., Jackson, Jno. N., Jolly, Jno. W., Marsden, Fredk., Murray, A. W., Myrescough, Thos., Prescott, Alfred, Robinson, Geo., Vose, Thos. A., Gardner, Cecila, Smith, Edith.

SPEED.

120 WORDS : *Lendrum, John.

100 WORDS : Dodgson, Wm. G., Duerden, Hy., Wilson, Harold C., Pollard, Hilda.

80 WORDS : Bateman, Chris., Brown, Jno., Cocker, A. E., Kisby, R. J., Kitchen, W. J., Noble, E., Simons, Rd., Slater, Hy., Ward, Thos., Whitehead, A., Whittle, J., Paley, Mabel, Smith, V. M., Parker, Bert.

60 WORDS : Booth, Jno., Gardner, Jas., Gibson, Claude, Gill, Thos. E., Hebblethwaite, A. H., Hennessey, B. J., Horridge, Jas. D., Nelson, Harold., Oakey, Harry, Scholes, Wm., Sowerbutts, Geo., Totty, Thos., Wareing, Jno., Whittle, Ed., Beardsworth, J., Jackson, G. B.

Typewriting.

SECOND CLASS : Jump, Harold, Hughes, H. F., Kisby, R., Beardsworth, J.

PASS : Hamilton, V. H., Whittle, Ed., Whittle, Jno., Ayres, M. E., Beardsell, M., Birch, B., Smith, V. M.

Latin.

ADVANCED.

SECOND CLASS : Sprake, G. E.

Dressmaking.

First Class :	Coxhead, E., Dandy, Margt., McCcurty, Margt., Dewhurst, E., Higson, E., Stubbs, E., Rawcliffe, Jane.
Second Class :	Blanchflower, C., Blinkhorn, Elsie, Fawcett, Clara, Hothersall, Anne, Hothersall, Nellie, Jackson, A. J., McLean, Lizzie, Mather, Mary, Nicholls, C., Sandham, Edith, Threlfall, Alice, Varley, E., Wade, Dora.
Pass :	Robinson, Ellen.

Cookery.

First Class :	Holden, Margt. (Dist.), Hind, Annie (Dist.), Hodson, L., Holden, Emily, Marshall, C. T.
Second Class :	Knowles, M., Waring, M.
Pass :	Heaton, Alice, Nicholls, Constance.

Millinery.

Second Class :	Clark, E., Dewhurst, Edith.
Pass :	Bagshaw, S., Bristow, Ella.

Music.

ELEMENTARY.

Pass :	*Atherton, Fred., *Cahill, Henry, *Critchley, H., *Haworth, Herbert, *Knowles, Hy., *Livesey, Ernest, *Lowe, Robert, *Sutton, Fred., *Dixon, Abigial, *Dunn, Annie, *Latus, Annie, *Monk, Florence, *Wilkinson, M., *Wade, Dora, *Pomfret, P. E., *Solloway, Wm.

INTERMEDIATE.

FIRST CLASS : Dunn, Fred, Roll, Winifred.

SECOND CLASS : Heaps, Geo., Heaps, Sam., Birch, B., Taylor, G., Whitehead, M., Gregson, Florence.

PASS : Redmayne, Wm. D., Southworth, M. Dickinson, Annie.

TECHNICAL.

City and Guilds of London Institute.

* *Scholarship and Prize Awarded.*

Masonry.

ORDINARY GRADE.

FIRST CLASS : *Jones, Geo., *Kelly, Wm. M., *Cartmel, Wm., *Duckett, Rd., *Lillie, Alf. C. M.

SECOND CLASS : Duckworth, Alf. J., Swarbrick Jno. T.

HONOURS GRADE.

SECOND CLASS : *Morgan, Wm. I., *Hull, Jno. T.

Brickwork.

HONOURS GRADE.

SECOND CLASS : *Allen, J. J., *Crossthwaite, Wm. G., *Morgan, Wm. I., *Hull, Jno. T.

ORDINARY GRADE.

FIRST CLASS : *Swarbrick, Jno. T., *Cartmel, William, *Lillie, Alf. C. M.

SECOND CLASS : Jones, Geo., Neal, Geo. B., Worden, Frank, Duckett, Rd., Duckworth, Alf. J.

Carpentry and Joinery.

HONOURS GRADE.

First Class : Morgan, Wm. I.

Second Class : *Hull, Hugh W.

ORDINARY GRADE.

Second Class : Hull, Jno. Thos., Rigby, Sid. E., Cranshaw, Rd., Morgan, Jos. F., Holden, Jno., Fleming, Jno. Jos.

Pumbers' Work.

PRELIMINARY.

Pass : *Baron, Nicholas, *Mason, Harold.

ORDINARY GRADE.

Second Class : Masheter, Jno., Thacker, Wm. F., Sanderson, Thos., Miller, Henry, Mowbray, Fred. Geo., Hamer, Frederick T., Corbishley, Ralph, Sheppard, Chas. H.,

HONOURS GRADE.

First Class : *Wilding, Ernest T., *Mather, Thos.

Second Class : *Cross, Robert, *Denley, Charles.

Pass : Corbishley, George.

Cotton Spinning.

ORDINARY GRADE, 1st YEAR.

First Class : *Gill, Jno., *Booth, Jno., *Halliwell, Percy, *Gardner, Thos., *Robinson, Thos., *Pateson, Lawrence C.

SECOND CLASS : Howarth, Jno., Howarth, Thos., Ratcliffe, Chas., Leyland, Joseph, Bolton, Frederick, Bell, Geo., Crozier, Frank, Holden, David, Ward, Jno. T., Atkinson, Rd., Jackson, Jno., Mercer, Ed., Simcock, Wm. Hy., Blackhurst, David, Kirkham, Ed., Smith, Matthew, Hodson, Herbert, Hatton, Thos.

ORDINARY GRADE, 2ND YEAR.

FIRST CLASS : *Pateson, Lawrence C., *Booth, John.

SECOND CLASS : Bell, Geo., Wareing, Jno. M., Houghton, Rd., Atkinson, Rd., Hatton, Thos., Kirkham, Ed., Smith, Matthew, Holden, David, Lendrum, J., Winder, Geo.

HONOURS GRADE.

FIRST CLASS : *Charnley, Rd., *Carpenter, Anthony, *Robinson, Jas., *Whalley, Ben., *Gardner, Thos., *Barton, Jno. W.

SECOND CLASS : *Ward, Jno. T., *Heaton, James.

Cotton Weaving.

ORDINARY GRADE, 1ST YEAR.

FIRST CLASS : *Knowles, James, *Whalley, Thos. P., *Johnson, Wm., *Schofield, Newton, *Ireland, Fredk., *Garstang, Rd., *Westall, Walter, *Blackburn, Robert, *Marland, Thos. R., *Worden, Wm., *Woods, Hy., *Rogers, Rd., *Wright, Thos.

SECOND CLASS : Iddon, Wm. E., Hunter, Jas. H., Ainsworth, Thos. C., Pickles, Anthony, Coulthart, Andrew, Stazicker, Edmund, Bleasdale, Hy.

Harris Institute, Preston. Abstract of Class Registers, 1903-4.

NAME OF CLASS.	October.		November.		December.		January.		February.		March.		April.		Number who sat for Examination.	Number Passed.
	No. on Reg.	Av'rage attend-ance.	No. on Reg.	Av'rage attend-ance.	No. on Reg.	Av'rage attend-ance.	No. on Reg.	Av'rage attend-ance.	No. on Reg.	Av'rage attend-ance.	No. on Reg.	Av'rage attend-ance.	No. on Reg.	Av'rage attend-ance.		
SCIENCE.																
Applied Mechanics, Stage I.	117	115	126	90	126	72	126	73	126	70	126	51	126	49	x52	x32
Do. do. II.	11	10	12	9	12	7	12	7	12	9	12	8	12	7		
Do. Practical, Stage I.	11	10	12	8	12	7	12	7	12	6	12	6	12	6		
Botany, Stage I.	9	9	11	9	11	9	11	8	11	8	11	8	11	8	x11	x5
Do. do. II.	4	4	4	3	4	3	4	3	4	3	4	3	4	3		
Do. Practical, I. and II.	9	9	9	8	9	6	9	7	9	7	9	6	9	6		
Building Construction, Stage I.	81	80	83	80	83	76	83	72	83	70	83	67	83	66	x90	x53
Do. do. II.	30	29	30	27	30	27	30	25	30	25	30	25	30	26		
Do. do. III.	10	10	10	10	10	10	10	9	10	10	10	10	10	9		
Chemistry, Theoretical, Inorganic, Stage I.	14	14	16	11	16	10	16	11	16	11	16	10	16	11	x19	x15
Do. do. do. II.	14	14	15	14	15	14	15	14	15	13	15	13	15	13		
Do. Cookery Stds., Stage I	14	14	17	17	17	15	17	15	17	16	17	16	17	16		
Do. Practical, Stage I.	9	8	11	10	11	7	11	7	11	8	11	7	11	8	x9	x6
Do. do. II. & III.	11	10	14	13	14	9	14	9	14	10	14	9	14	10	x14	x12
Human Physiology, Stage I.	8	7	9	7	9	8	9	7	9	7	9	7	9	7	x5	x3
Do. Practical, Stage I.	3	3	3	2	3	2	3	3	3	3	3	3	3	2		
Hygiene, Stage I.	23	22	23	21	24	22	24	21	24	21	24	21	24	20	x16	x15
Do. do. II.	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
Do. Cookery Students, Stage I.	15	15	16	15	16	14	16	14	16	15	16	16	16	16	x11	x11
Machine Construction, Stage I.	95	93	96	81	100	66	100	61	100	61	100	56	100	58	x35 *b*29 *d*14	x26 *b*26 *d*10
Do. do. II. and III.	18	17	20	16	20	15	20	14	20	16	20	14	20	14		
Mathematics, Stages I. and II.	78	76	87	70	87	60	87	55	87	53	87	54	87	55	x63	x41
Do. Preliminary	25	25	25	20	25	18	25	18	25	17	25	18	25	17	*b*44	*b*28
Do. Practical, Stages I. and II.	39	39	44	32	44	27	44	25	44	22	44	23	44	23	x19	x11
Physiography, Stages I. and II.	26	25	29	25	29	22	29	23	29	24	29	24	29	24	x33	x15
Do. do. Pupil Teachers	137	133	137	132	137	132	137	130	137	134	137	133	137	133		
Practical, Plane and Solid Geometry, Stage I.	84	80	87	80	87	73	87	73	87	64	87	59	87	50	x48	x31
Do. do. do. II.	10	10	12	8	12	8	12	5	12	6	12	8	12	8		
Sound, Light and Heat, Stage I.	14	14	26	18	26	17	26	18	26	19	26	20	26	20	x8	x4
Biology, Stage I.	20	17	23	19	23	19	23	18	23	19	23	19	23	18		
Steam and Steam Engine, Stage I.	46	46	48	34	48	33	48	33	48	31	48	31	48	30	x43	x26
Do. do. II.	14	14	13	11	13	9	13	7	13	8	13	8	13	8		
Do. Practical	14	14	13	11	13	9	13	7	13	8	13	8	13	8		
Theoretical Mechanics (Day), Stage I.	32	32	40	39	40	39	40	38	40	39	40	38	40	38		
Elements of Science (Boys)	159	156	175	162	175	155	175	150	175	143	175	140	175	140	*c*85	*c*73
Do. (Girls)	35	35	42	40	42	38	42	37	42	35	42	36	42	35	*c*21	*c*18
ART.																
Day Classes	24	23	26	24	26	24	26	23	26	23	26	23	26	23	x293	x190
Evening Classes	196	194	203	190	203	176	203	160	205	160	205	164	205	166		
Modelling Classes	16	14	16	12	16	12	16	11	16	11	16	12	16	12		
Design (Technical)	12	11	12	10	12	10	12	10	12	10	12	10	12	10		
Blackboard Drawing	29	27	36	35	36	34	37	35	38	36	38	36	38	38		
Pupil Teachers (Day)	189	186	189	183	189	182	189	179	189	185	189	187	189	185		
Continuation Classes	55	54	58	52	60	59	60	58	60	55	60	56	60	55	*c*46	*c*40
TECHNICAL.																
Brickwork and Masonry	16	13	16	13	16	15	16	12	16	14	16	14	16	13	*d*27	*a*21
Carpentry and Joinery	54	50	59	46	59	54	60	50	60	48	60	44	60	42	*d*41	*d*8
Cotton Spinning, Ordinary, I. and II.	69	67	74	65	74	56	74	54	74	57	74	55	74	53	*b*20	*b*19
Do. Honours	10	10	10	10	11	9	11	8	11	9	11	9	11	9	*d*61	*d*44
Do. Practical	79	75	85	80	85	65	85	63	85	65	85	60	85	58		
Cotton Weaving, Ordinary	113	107	127	97	127	87	127	72	127	68	127	54	127	52	*b*32	*b*30
Do. Honours	14	14	14	13	14	12	14	12	14	11	14	10	14	10	*d*65	*d*27
Do. Practical	116	99	118	76	118	59	118	65	118	65	118	58	118	56	*d*25	*d*18
Electric Light and Power	43	40	43	33	43	26	43	23	47	27	47	22	47	20	*b*24	*b*17
Electric Calculations	47	45	48	30	49	33	51	30	53	31	53	23	53	20	*d*27	*d*11
Plumbers' Work, Ordinary and Honours	60	62	62	56	63	53	63	52	63	48	63	50	63	50		
Woodcarving	9	9	9	8	9	8	3	3	3	3	3	3	3	3		
Workshop Arithmetic	120	115	123	98	123	88	123	82	123	85	123	76	123	75	*c*69	*c*60
Arithmetic and Science (L. and C.)	80	75	80	46	80	35	80	32	80	36	80	36	80	38		
Woodwork (Boys)	253	219	253	216	253	215	253	216	220	206	220	209	220	210	*b*10 *d*1	*b*10 *d*1
Draughtsmanship	32	31	32	31	32	29	32	28	32	26	32	28	32	27	*c*32	*c*23
DOMESTIC SCIENCE.																
Technical Class	50	48	50	46	50	45	50	45	50	44	50	40	50	39	*b*11 Cookery	*b*10 Cookery
Continuation	450	430	450	426	450	420	450	418	450	410	450	405	450	400	*b*21 Dressmg.	*b*21 Dressmg.
Teachers in Training	25	25	25	25	25	25	25	25	25	25	25	25	25	25	*b*4 Millinery	*b*4 Millinery
Children from Elementary Schools	600	600	600	600	600	590	600	580	600	585	600	580	600	582	*c*45 Nursing	*c*43
SCHOOL OF AGRICULTURE.																
Agricultural Chemistry	56	56	56	56	56	56	56	56	56	55	56	54	56	54	x41 *c*55	x31 *c*5
Organic Chemistry	13	12	13	13	13	13	13	13	13	13	13	13	13	13		
Bookkeeping	56	56	56	55	56	56	56	56	56	55	56	55	56	55		
Botany, Biology and Geology	56	56	56	56	56	56	56	56	56	56	56	55	56	54	x6 Bt. x16 Gy.	x5 Bot. x1
Chemistry, Inorganic	56	56	56	56	56	56	56	56	56	55	56	54	56	53	x23	x16
Do. Practical	38	38	38	38	38	37	38	37	38	38	38	37	38	36	x17	x11
Engineering	24	24	24	24	24	24	24	24	24	24	24	24	24	23		
Veterinary Science	32	31	32	31	32	32	32	31	32	32	32	32	32	31		
Drawing	56	56	56	56	56	55	56	54	56	55	56	55	56	54		
English and Arithmetic	25	25	25	25	25	25	25	25	25	25	25	25	25	25		
Physics	23	23	23	23	23	23	23	23	23	22	23	22	23	21		
Algebra and Euclid	56	56	56	56	56	56	56	56	56	55	56	55	56	54		
Surveying	12	12	12	12	12	12	12	11	12	12	12	12	12	12		
Electricity	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
MISCELLANEOUS.																
Rudiments of Music	24	24	24	21	24	21	24	20	24	20	24	20	24	20	*b*32	*b*27
Harmony	16	16	16	15	16	15	16	14	16	13	16	13	16	13		
Vocal Music	71	69	71	64	71	60	71	58	71	53	71	54	71	55	*c*28	*c*25
Geography	22	22	22	20	22	20	22	20	22	20	22	19	22	18		
French, Elementary	25	23	26	21	26	20	26	18	26	17	26	18	26	17	*b*42	*b*41
Do. Advanced	26	24	28	23	28	21	28	19	28	22	28	23	28	21		
Shorthand, Elementary	96	92	99	85	99	79	99	72	99	71	99	68	99	70	*b*48 *a*6	*b*35 *a*6
Do. Advanced	193	185	199	158	199	150	199	138	199	134	199	116	199	120	*b*64 *c*143	*b*37 *c*129
English, Elementary	41	39	41	37	41	36	41	36	41	34	41	33	41	32	*b*32 *a*2	*b*21 *a*2
Do. Advanced	7	7	7	6	7	6	7	6	7	4	7	5	7	4		
Do. Certificate	22	21	22	21	22	20	22	20	22	19	22	18	22	19		
Arithmetic, Elementary	60	58	60	51	60	47	60	37	60	41	60	41	60	42	*b*156 *a*2	*b*112 *a*2
Do. Advanced	105	97	105	80	105	69	105	63	105	64	105	64	105	66		
Bookkeeping, Elementary	85	82	85	71	85	69	85	65	85	63	85	55	85	56	*b*140 *a*35	*b*137 *a*33
Do. Advanced	107	101	109	93	109	87	109	84	109	89	109	84	109	87		
Typewriting	34	34	36	35	36	35	36	34	36	34	36	34	36	34	*b*15 *c*28	*b*11 *d*25
Commercial Correspondence	18	16	18	14	18	9	18	12	18	12	18	11	18	12	*b*12	*b*12
German	15	14	16	13	16	12	16	12	16	10	16	10	16	11	*b*7	*b*7
Certificate Class	25	25	26	26	26	25	26	24	26	24	26	24	26	24		
Pupil Teachers' Classes	243	239	243	238	243	239	203	198	203	199	203	200	203	199	*c*239	*c*250
DAY CLASS.																
Chemistry	21	20	22	22	22	21	22	20	22	21	22	20	22	20	x11	x10
Commercial	15	15	17	17	17	17	17	17	17	17	17	17	17	17		
Physics	18	18	19	19	19	19	19	19	19	18	19	17	19	17		
Engineering	14	14	14	14	14	14	14	14	14	14	14	14	14	14		
	5912	5713	6091	5618	6130	5165	6089	4956	6061	4951	6061	4819	6061	4785	2811	2150

Number of Individual Students, 3720. x Board of Education. *a* Society of Arts. *b* Lancashire and Cheshire. *c* Local. *d* City and Guilds of Lon

ORDINARY GRADE, 2ND YEAR.

FIRST CLASS : Norcross, Wm., Richmond, Hy., Creed, Ben., Wright, Thos., Johnson, Chris., Woods, Hy.

SECOND CLASS : Coates, Ed., Lynch, Jno., Rogers, Richard, Kenyon, Richard, Taylor, Fred.

HONOURS GRADE (SECTION A).

FIRST CLASS : *Adamson, Robert, L

SECTION B.

FIRST CLASS : *Dodd, Wm., *Rigby, Thos., *Britt, J. J., *Adamson, Robert L.

SECOND CLASS : Welsh, Jos., Scowcroft, Geo.

Electric Light and Power.

PRELIMINARY GRADE.

PASS : *Coates, Rd., *Kelman, Wm., *Prideaux, Wm. H., *Osborne, Wm. G., *Burton, Geo., *Woods, Alfred, *Wheeler, Wm., *Angus, Jas., L'Estrange, Wilton, *Bilsborrow, Ed., *Butler, H. L. J., *Fletcher, Geo. H., *Simpson, Norman W., *Nutter, Percy, *Gregson, Fred., *Dewhurst, Hy., *Coates, Wm.

Mechanical Engineering.

HONOURS GRADE (SECTION A).

SECOND CLASS : *Booth, Wm.

2ND YEAR.

FIRST CLASS : *Ayres, Wm. E.

SECOND CLASS : Wright, Chas. A.

1ST YEAR.

PASS : *Dale, Jno. S., *Wright, Chas. A., *Stanley, H. E., *Dixon, James, *Solloway, Ernest, *Ayres, W. E., *Brown, James, Southworth, Jas.

Woodwork.

1ST YFAR.

PASS : Sandham, Rd.

SOCIETY OF ARTS EXAMINATIONS, RESULTS, 1904.

* *Scholarship and Prize Awarded,*

Bookkeeping.

FIRST CLASS : *Fryer, Frank J., *Gill, John, *Halliwell, Percy, *Parker, Ernest, *Smalley, Joseph.

SECOND CLASS : Bradshaw, Tom., Crozier, F. B., Cuming, Wm. Hy., Fell, Ernest, Ferris, Rd. E., Guest, Thos., Haworth, Oscar, Helme, Arthur, Johnston, Thos. C., Lowe, Wm. E., Rawcliffe, Frederic A., Rowland, James, Seed, Albert E., Seed, Thos., Southworth, Thos., Threlfall, Arthur W., Webb, Geo.

THIRD CLASS : Carling, Thos., Dimmock, Walter, Eccles, William, Hampson, Frank, Myrescough, Hetty, Park, Harry, Pattinson, Jno. C., Porter, Wm., Smith, Joseph Hy., Wilcock, John E., Yates, Rufus.

Shorthand.

SECOND CLASS : Bolton, James, Chadwick, Herbert, Dodgson, Walter G., Pollard, Hilda, Wilson, Harold C.

THIRD CLASS : Bateman, Chistopher.

English.

THIRD CLASS : Brindle, J. W., Cuming, Wm. Hy.

Arithmetic.

SECOND CLASS : Hodgkinson, Fred., Willmoth, Hy. B.

PUPIL TEACHERS' SCHOOL.

Prizes awarded to the following :

PROBATIONERS : *1st Prize*, Blacklidge, Olive ; *2nd Prize*, Richardson, Ethel. FIRST CLASS : Cookson, Edith, Fraser, Gladys, Clarke, Ethel.

CANDIDATES : *1st Prize*, Jackson, Ella ; *2nd Prize*, McPhail, Maud ; FIRST CLASS. Crozier, Hy. C., McGraw, Margt., Moss, Mary, Livesey, Florence, Ashburner, Maud, Pimley, Edith, Hughes, Getrude.

FIRST YEAR : *1st Prize*, Mayor, Fred. ; *2nd Prizes*, Winchester, John, McIlwaine, Margt. FIRST CLASS: Iddon, Alice, Fraser, Sarah, Houghton, Clara, Bibby, Nellie, Critchley, Ellen, Seed, Millie, Wilkinson, Thomas.

SECOND YEAR : *1st Prize*, Fletcher, Edith ; *2nd Prize*, Houseman, J. B. FIRST CLASS : Sanderson, Susannah, Smethurst, Rd., Holden, Thos., Hill, Lilian, Sanderson, Florence, Glover, Edith, Pomfret, Annie, Garth, Margaret, Breakell, Florence.

THIRD YEAR : *1st Prize*, Rayner, Benj. H. ; *2nd Prize*, Buckley William ; FIRST CLASS : Yates, Florence, Forrest, A. E., Goring, Leonard, Dawson, Mary, Garstang, Ada, Hall, Henry, Gatenby, Geo., Anderton, Nathan, Foster, Mary.

First Class Kings Scholarship, December, 1903.

Awarded Prizes.

Renwick, Jno. E., Porter, Bertram, Freeman, James, Holland, Jno. C., Mapp, Elizabeth, Catterall, Ethel.

LOCAL EXAMINATION RESULTS.

* *Scholarship and Prize Awarded.*
† *Scholarship only Awarded.*

Shorthand.

ELEMENTARY THEORY.

FIRST CLASS : *Higgins, Thomas., *Wignall, H., *Patterson, M., *Bibby, Nellie, *Leach, Thos., *Lucraft, Albert, *Yates, Fred, *Sowerbutts, Rd., *Dewhurst, E. F., *Hilton, Geo. F., *Wilson, S. J., *Ward, Thos., *Wilkinson, Thos., *Potter, W. R., *Knowles, Hy.

SECOND CLASS : Wilde, Jno. W., Reeder, Nancy, Burnett, My., Cocking, V., Bradley, Lousia, Birch, B., Whalley, Nellie, Edwards, Sarah E., Hodgson, Jno. R., Rea, Herbert H., Heatley, Thos., Baybutt, A. J., Collinson, Chas., Lomax, John, Robinson, Rd. L., Masheter, Geo , Redmond, Willie, Sharples, Jno., Swarbrick, Hy., Taylor, Leo., Green, Jno. Hy., Heywood, Reg., Gorton, L. H., Dalzell, Rd., Thistlethwaite, C., Roberts, Geo., Norris, Frank, Wright, Robert M., Kilshaw, Jenny, Southworth, Maud, Jones, Albert Hy., Barker, Geo., Dent, Robert, Dent, Herbert, Langford, Arthur, Whistlecroft, Chas., Coward, Wm., Masheter, Fred, Cunningham, Hy., Fielding, Jos., Brown, Herbert, Latus, Annie, Armstrong, Nellie, Rogerson, Geo. S.

THIRD CLASS : Hemsworth, Wm., Riding, Jno., Yates, Jno. H., Holland, Jos. B., Gornall, Hy., Hartley, Wm., Roberts, Jno., Snelham, Arthur.

ADVANCED THEORY.

FIRST CLASS : *Billing, Arthur, *May, Ernest George, *Sisson, Ed., *Howarth, Robert F., *Hamilton, V. H., *Lawton, Arthur, *Dewhurst, Jno. W., *Turner, W., *Jackson, Jas. N., *Winn, Fred., *Strickland, H., *Gardner, Gertrude, *Churchman, Hy. Jas., *Myrescough, Thos., *Vose, Thos.

SECOND CLASS : Reid, Chas. S., Cooper, Wm., Gardner, C., Maymon, Harold, Butterfield, A., Howarth, Jno. P., Prescott, Alf., Jackson, Thos., Robinson, Geo., Atkinson, W., Parker, John, Gibson, Claude, Brockbank, Jas., Dalton, Willim, Waring, George, Helme, Arthur, Helme, H., Hague, A. E., Pragnell, Jno., Marsden, Fred., Hothersall, Jas. E., Charnley, Wm., Rushton, Alfred, McGraw, James, Higgins, Leonard T.

THIRD CLASS : Bellamy, Gilbert D., Maddigan, Sidney, Wright, Matthew W., Hothersall, Chas., Cunningham, Rd., Higgins, Gertrude, Hoyle, Wm. E., Wilkinson, Wm. Hy., Beesley, J., Jolly, Jno. W., Hilton, Hy., Dewhurst, Jas., Brandwood. Ed., Murray, Andrew, Clarkson, J., Pilkington, Frank, Gardner, Leonard, Charnley, Thos., Shaw, Jno. G., Hough, Jos., Smith, A. W., Hill, S. P.

Draughtsmanship.

FIRST CLASS : *Smith, W. H. (Snr.), *Pilkington, W., *Pickering, A., *Saul, T. P., *Bamber, T., *Haselden, C. F., *Shuttleworth, F., *Butler, J., *Whittle, Rd., *Pearson, J. S., *Giblin, J.

SECOND CLASS : Masheter, J., Smith, W. H. (Jnr.), Knowling, J., Holland, J. G., Kenny, A., Threlfall, Lazarus, Threlfall, Leonard, Woods, Fred., Blackhurst, J., Jackson, T., Porter, F., Ford, G.

Engineering Day School.

Scholarships, tenable for three years, awarded to the following:

Ayres, Geo. E., Berry, Wm., Garnett, John, Elliott, Thomas, Lucas, Percy, Taylor, Thomas, Vernon, Norman.

Vocal Music.

ELEMENTARY.

PASS : †Hodge, Alice, †Sanderson, M., †Eccleston, Alice, †Pearson, Hannah, †Smith, John, †Seed, T., †Sergeant, Ellen, †Lambert, T., †Redmayne, J., †Boardswell, Rd.

ADVANCED.

PASS : †Ainsworth, F., †Dooley, E. A., †Duross, Lily, †Kellett, Mary, †Salisbury, Ruth, †Nowell, Annie, †Charnley, Sarah, †Thompson, E. H., †Walls, Mabel.

Typewriting.

FIRST CLASS : *Kisby, R. S., *Hamilton, V. H., O'Donoghue, B. J., Ayres, M. E., Hill, S. P., Barnes, Jas., Ward, R., Hebblethwaite, A. H., Dalzell, R., Whalley, N., McCourty, M.

SECOND CLASS : Howarth, J., Gardner, J., Hayes, Thos., Dent, Wm., Hilton, Thos., Taylor, G.

THIRD CLASS : Fleming, F. C., Masheter, G., Kilshaw, J., Sowerbutts, G., Edwards, S., Gotheridge, L., Riding, J., Albrighton, E.

Higher Mathematics.

FIRST CLASS : *Renwick, John E.

SECOND CLASS : Ayres, Wm. E., Prideaux, W. H. C.

THIRD CLASS : Bannister, Harry.

CONTINUATION CLASSES.

**Scholarship and Prize Awarded.*

Arithmetic and English.

FIRST CLASS : *Manley, Rd., *Boocock, Jas., *Mercer, Fred., *Harrison, Dan., *Baines, Jos., *Brown, Thos., *Unsworth, Wm., *Boonham, S., *Noblett, T. S., *Holden, Jno., *Hamer, Ernest, *Cocking, Frank, *Walmsley, Geo., Hindson, Herbert, *Dobson, J. R., *Tearle, Ed., *Seddon, Wm., *Goring, Jno., *Dandy, Chas., *Barton, Wm., *Brown, Robert, *Heyes, John.

SECOND CLASS : Seed, Percy, Whittle, Rd., Lea, Edward, Nicholls, Robert, Gerrard, Geo., Livesey, Jas., Pearson, Jas., Potter, Hy., Davidson, C., Creed, D., Norman, C., Lucas, P., Richardson, J. W., Noblett, Jos., Hindle, Hy., Cuerden, Albert, Culshaw, Thomas, Emett, Albert, Cornall, Percy.

THIRD CLASS : Giblin, John, Heald, W., Winders, Jno., Wilson, Jos., Sullivan, Jos., Dixon, Wilfrid, Harsand, Sid. G., Cuerden, Hy., Newsham, W., Barnes, Jas., Lewis, Fred., Richmond, R., Burgess, Chas.

Elementary Science.

FIRST CLASS : *Heywood, Reg., *Newsham, J. J., *Manley, R., *Boonham, S., *Cocking, F., *Bennett, W. A., *Booth, Hugh, *Rawcliffe, Robert, *Dandy, Charles, *Norman, C., *Lynch, Ursula, *Crackston, I., *Turner, Florie, *Coulthard, J. A., *Lynch, C., *Hanson, L., *Turner, B., *Bleasdale, R.

SECOND CLASS : Boocock, Jas., Brown, R. C., Hamer, E., Walmsley, G., Roberts, D., Dean, Edward, Foster, W. E., Noblett, Jas., Prince, R., Lucas, Percy, Greenhalgh, J., Richardson, M., Marland, E., Hornby, L., Proud, J., Houlding, L., Woodruff, E., Morris, F., Edwards, M., Hargreaves, E., Mulligan, E.

Elementary Art.

FIRST CLASS : *Hargreaves, W., *C. Dandy, *Richardson, J., *Noblett, J., *Newsham, Wm. P., *Emmett, A., *Lewis, F., *Dean, Ed., *Cornall, Percy, *Hoyle, H., *Baxendale, F., *Barton, C., *Critchley, A., *Cocking, F., *Norman, C., *Manley, Rd., *Heywood, Reg., *Boonham, S., *Seed, W. P., *Boocock, J., *Baines, J., *Gregory, Wm., *Worthington, N., *Blackledge, Ernest, *Crackstone, Isabella, *Elliott, Thomas, *Fisher, B., *Turner, Bertha, *Taylor, W. G., *Yates, Alf.

SECOND CLASS : Richmond, R., Foster, W. F., Burgess, C. H., Culshaw, T., Cuerden, A., Rawcliffe, R., Richmond, W., Booth, H., Bennett, A., Kellett, T., Newsham, J., Winders, J., Unsworth, Wm., Wilson, H., Wilson, J., Lea, C., Nicholls, Rd., Brown, J., Charnley, Thos., Hornby, Lily, Kitchen, D., Lynch, Ursula, Lynch, C., Singleton, T.

Table showing the number of Students who sat for Examination in connection with the Board of Education at the Harris Institute, April, May, and June, 1904.

SUBJECT.	Harris Institute.	Winckley Square Convent.	Externals.	Total.
ART.				
Geometrical Drawing	18	8	3	29
Model Drawing	74	3	14	91
Freehand Drawing	79	—	2	81
Light and Shade Drawing	18	9	11	28
Perspective	9	—	1	11
Design	13	—	—	13
Drawing from the Antique	4	—	—	4
Drawing Common Objects	6	—	—	6
Drawing from Life	5	—	—	5
Painting in Monochrome	6	—	—	6
Painting from Still Life	5	—	—	5
Architecture	3	—	—	3
Anatomy	4	—	—	4
Memory Drawing of Plant form	11	—	—	11
Modelling, Design	4	—	—	4
Drawing on the Blackboard	33	—	20	53
Modelling, Antique	1	—	—	1
SCIENCE.				
Applied Mechanics	52	—	—	52
Agriculture	41	—	—	41
Botany	17	—	1	18
Building Construction	90	—	—	90
Chemistry, Theoretical	53	—	6	59
Chemistry, Practical Elementary	16	—	3	19
Chemistry, Practical Advanced	24	—	2	26
Chemistry, Organic	7	—	1	8
Geology	16	—	—	16
Human Physiology	5	—	2	7
Hygiene	27	—	3	30
Machine Construction	35	—	5	40
Mathematics	63	—	14	77
Mathametics, Practical	19	—	—	19
Magnetism	22	—	2	24
Physiography	33	25	4	62
Practical Plane and Solid Geometry	48	—	2	50
Steam and Steam Engine	43	—	—	43
Sound, Light, and Heat	8	—	3	11
Theoretical Mechanics	—	—	5	5
TOTALS	912	45	94	1051

In addition to the foregoing Table, the following shows the number of Students of the Harris Institute examined at the Institute in connection with other classes :—

City and Guilds of London Institute :—

Electric Light and Power	25	
Cotton Spinning	61	
Cotton Weaving	65	
Carpentry and Joinery	41	
Plumbing	27	
Brickwork and Masonry	27	
Mechanical Engineering	14	
Woodwork	1	
		261

Society of Arts :—

Shorthand	6	
Book-keeping	35	
English	2	
Arithmetic	2	
		45
Carried forward		306

Brought forward		306
Lancashire and Cheshire Union of Institutes :—		
Typewriting	15	
Shorthand	112	
Book-keeping	140	
German	7	
Arithmetic	156	
Algebra	44	
French	42	
Music	32	
English	32	
Magnetism	59	
Dressmaking	21	
Cotton Spinning	20	
Cotton Weaving	32	
Woodwork	10	
Cookery	11	
Commercial Correspondence	12	
Millinery	4	
Machine Calculations	29	
Electric Calculations	24	
		892
Examined Locally :—		
Music (Staff Notation)	21	
Shorthand	143	
Sick Nursing	45	
Pupil Teachers Classes	239	
Draughtsmanship	32	
School of Agriculture	55	
Workshop Arithmetic	69	
Continuation Classes : Science and Art	152	
Typewriting	28	
		791
Total		1899

Harris Institute.—Trustees' Account, 30th September, 1904.

Receipts.	£	s.	d.	£	s.	d.
To Balance in hand, 30th Sept.. 1903				57600	0	0
„ 1st Nov., 1903, Six months' Interest (less Tax) on £15,000 at 3 per cent., Corporation of Preston.	214	13	9			
„ 1st Jan., 1904, do. on £29,000 at 3½ per cent., County of Lancaster	484	4	10			
„ 1st Mar., do. on £13,600 at 3½ per cent., Corporation of Preston	215	3	4			
„ 1st May, do. on £15000 at 3 per cent., Corporotion of Preston.	214	13	9			
„ 1st July, do. on £29,000 at 3½ per cent., County of Lancaster	482	2	6			
„ 1st Sept.. do. on £13,600 at 3½ per cent., Corporation of Preston	214	4	6			
				1825	2	8
				£59425	2	8
To Balance brought down				£57600	0	0

Payments.	£	s.	d.
By Paid to the Council of the Harris Institute, being Year's Interest from Endowment...	1825	2	8
„ Balance carried down	576000	0	0
	£59425	2	8
By Invested with Corporation of Preston at 3 and 3½ per cent.	28600	0	0
„ Invested with County of Lancaster at 3½ per cent.	29000	0	0
	£57600	0	0

Examined and found correct,

W. L. MOORE, F.C.A.
Auditor.

December 7th, 1904.

Exhibited,
Wm. ASCROFT,
Geo. STEELE,
J. H. HAMMOND,
Frank HOLLINS,
Robert W. ASCROFT,
} Trustees.

T. R. JOLLY,
Secretary and Registrar.

Harris Institute.—General Account, 30th September, 1904.

Receipts.	£	s.	d.	£	s.	d.	£	s.	d.
To Interest from Capital	1825	2	8						
„ *Less* to Scholarship Fund	228	2	10						
							1596	19	10
„ Fees and Grants :—									
Science Fees	214	5	0						
Science Grants	520	11	0	—734	16	0			
Art Fees	71	2	0						
Art Grants	277	19	7	—349	1	7			
Technical Fees				79	0	6			
Cookery Fees	796	1	2						
Cookery Grant	125	14	0	—921	15	2			
Commercial Grant				96	1	6			
Continuation Grant				31	17	0			
Analytical Fees				25	6	0			
External Students at Examination				9	12	6			
Miscellaneous Fees				1065	19	4			
							3313	9	7
„ Income Tax returned							89	8	2
„ Grant from Corporation of Preston							1500	0	0
„ Grant from County Council							550	0	0
„ „ „ Advanced Students from Administrative County							45	0	0
„ Grant from Board of Agriculture							150	0	0
„ Subscriptions							16	16	0
							7261	13	7
„ Overdrawn, 30th September, 1904							1073	11	8
							£8335	5	3

Payments.	£	s.	d.	£	s.	d.
By Balance Overdrawn, 30th Sept., 1903				954	15	1
„ Salaries of Teachers, Institute and Technical School	3648	5	5			
„ Salaries, School of Domestic Science	637	5	5			
„ Secretary, 2 Custodians, Engineer, and Assistants	575	0	10			
„ Alterations, Additions, and Repairs	87	12	5			
„ Apparatus, Material for Trade Classes, Books, Life Studies, &c.	410	1	10			
„ Printing and Stationery	130	14	9			
„ Advertising	57	15	9			
„ Lighting, Firing, and Water	497	18	2			
„ Washing and Cleaning	141	7	8			
„ Rates, Taxes, and Insurance	151	16	5½			
„ Examination Expenses	166	19	1			
„ Expenses Distribution of Prizes	50	5	6			
„ School of Domestic Science	392	16	7			
„ Travelling Expenses :—Teachers for Selection and Agricultural Students	38	6	6½			
„ Rent, Outside Schools	20	10	0			
„ Miscellaneous Expenses	71	13	3			
„ Bank Charges	58	14	3			
„ Paid Balance of Contract for Painting inside and outside Technical School and New Heating Apparatus	243	6	3			
				7380	10	2
				£8335	5	3

Examined and found Correct,
W. L. MOORE, F.C.A., Auditor.
7th, December, 1904.

Wm. ASCROFT, President.
Thos. R. JOLLY, Secretary.

HARRIS INSTITUTE, PRESTON.

SCHOLARSHIP AND PRIZE FUND, 30TH SEPTEMBER, 1904.

RECEIPTS.	£	s.	d.	£	s.	d.
To Balance in hand, 30th September, 1903				229	15	1
„ Amount transferred from General Fund	228	2	10			
„ Bank Interest	1	10	0			
„ Board of Education on account of Art Prizes	4	0	0			
				233	12	10
				£463	7	11
To Balance in hand with the London, City, and Midland Bank...	£188	13	4			

PAYMENTS.	£	s.	d.	£	s.	d.
By Paid Free Scholarships to various Classes	208	10	3			
„ Paid for Prizes	66	4	4			
				274	14	7
„ Balance in hand.....				188	13	4
				£463	7	11

Examined and found corrrct,
W. L. MOORE, F.C.A., Auditor.
7th December, 1904.

Wm. ASCROFT, President.
T. R. JOLLY, Secretary.

HARRIS INSTITUTE, PRESTON.

THORNLEY BEQUEST ACCOUNT.

RECEIPTS.	£	s.	d.
To Balance in hand 30th September, 1904	1227	10	5
„ Interest from Corporation	33	8	0
„ Bank Interest	3	5	3
	£1264	3	8
To Balance brought down	£1234	3	8

PAYMENTS.	£	s.	d.	£	s.	d.
By Paid for Prizes to Artizan Students				30	0	0
„ Balance in hand				1234	3	8
				£1264	3	8
By Invested with Corporation of Preston	1000	0	0			
„ Cash in Bank	234	3	8			
				£1234	3	8

Audited and found correct,
W. L. MOORE, F.C.A., Auditor.
7th December, 1904.

Wm. ASCROFT, President.
T. R. JOLLY, Secretary.

HARRIS INSTITUTE, PRESTON.

MESSRS. DICK, KERR, AND COMPANY ACCOUNT.

RECEIPTS.	£	s.	d.
To Cash received on 2nd August, 1904, towards Electrical Equipment	500	0	0
	£500	0	0
To Balance in London and Midland Bank	£500	0	0

PAYMENTS.	£	s.	d.
By Balance in hand, 30th September, 1904	500	0	0
	£500	0	0

Examined and found correct,
W. L. MOORE, F.C.A., Auditor.
7th December, 1904.

Wm. ASCROFT, President.
T. R. JOLLY, Secretary.

HARRIS INSTITUTE, PRESTON.

GIFT OF £2,500 FROM THE EXORS. OF THE LATE JOHN BILLINGTON BOOTH, ESQ., 30TH SEPTEMBER, 1904.

RECEIPTS.	£	s.	d.	£	s.	d.
To Balance in hand, 30th September, 1903	1956	14	3			
„ Further gift of £200 for completion of Engine and Boiler House (making £2,500 in all)	200	0	0			
„ Bank Interest	68	4	8			
„ Midland Railway Company, Damage to Electrical Apparatus	2	0	0			
				£2226	18	11
To Balance in hand	£139	16	9			

PAYMENTS.	£	s.	d.	£	s.	d.
By Amount for Mechanical Equipment and erection of Engine and Boiler House..	1488	18	5			
„ Electrical Equipment, on account	596	9	0			
				2085	7	5
„ Bank Charges				1	14	9
				2087	2	2
„ Balance in hand				139	16	9
				£2226	18	11

Examined and found correct,
W. L. MOORE, F.C.A., Auditor.
7th December, 1904.

Wm. ASCROFT, President.
T. R. JOLLY, Secretary.

AUDITOR'S REPORT, &c.

To the President and Council of the Harris Institute, Preston.

GENTLEMEN,

I have examined the accounts of the Harris Institute for the year ending 30th September, 1904, and have pleasure in certifying to their correctness and to their accustomed neatness and order. Vouchers have been produced for all payments and the Securities for the Capital Investments have been produced to me. I have examined the Bank Pass Books, and am informed by the Bank's officials that the balances shown therein agree with the accounts in the books of the Banks at the close of the financial year.

Yours truly,

7th December, 1904. W. L. MOORE, F.C.A.

January 26th, 1905.

We, the President and Treasurer of the above Institute, certify in accordance with clause 5, sub-section (c), that the sum of one thousand eight hundred and twenty five pounds, two shillings, and eightpence, has been received by the Trustees as income from endowment for the year ending 30th September, 1904, and that such sum has been credited to the General Funds of the Institute.

WILLIAM ASCROFT, President.

W. B. ROPER, Treasurer.

£1,825 2s. 8d.

LIST OF SUBSCRIBERS.

ASCROFT, Mr. W.

ASCROFT, Mr. R. W.

ASSHETON, Mr. R. C.

BOOTH, Mr. Y. W.

BROCKHOLES, Mr. FITZHERBERT

DAVIES, Mr. H.

DICKSON, Mr. E.

EASTERBY, Mr. R. F.

ECCLES, Messrs. T. & Co.

FOSTER, Mr. J. Y.

GREENWOOD, Mr. E.

HEALEY, Mr. J.

HOLLINS, Mr. F.

HORNBY, Mr· H. P.

ROPER, Mr. W. B.

STEELE, Rev. Geo.

Harris Institute,

PRESTON.

TWENTY-THIRD

ANNUAL REPORT

AND

STATEMENT OF ACCOUNTS.

FOR THE

YEAR ENDING 30th SEPTEMBER, 1905.

PRESTON :
MATHER BROS., Printers, Bookbinders, &c., 31, Lune Street.
1906.

Harris Institute. Preston.

Trustees:

Mr. R. W. Ascroft, M.A., B.C.L.
Mr. W. Ascroft, J.P.
Mr. H. Calvert.
Mr. J. H. Hammond, M.D., J.P.
Mr. F. Hollins, J.P.
The Rev. Geo. Steele, M.A.

COUNCIL.

President:

Mr. WM. ASCROFT, J.P.

Vice-President:

The Rev. GEO. STEELE, M.A.

Mr. R. W. Ascroft, M.A., B.C.L.
Mr. H. Bell.
Mr. Y. W. Booth, J.P.
Mr. H. Calvert.
Mr. J. Conner.
Mr. H. Davies, J.P.
Mr. E. Dickson.
Mr. R. F. Easterby.
Mr. J. Y. Foster, J.P.
*Mr. Ald. E. Greenwood, J.P.
Mr. J. H. Hammond, M.D., J.P.
Mr. H. P. Hornby, J.P., C.C.
Mr. F. Hollins, J.P.
*Mr. Ald. W. B. Roper, J.P.

Representing the Corporation of Preston.

Mr. Ald. J. C. Hamilton, J.P.
Mr. Councillor E. J. Andrew.
Mr. Councillor W. Breakell.
Mr. Councillor H. Cartmell.
Mr. Councillor J. Rigg, M.B., C.M.
Mr. Councillor J. J. Rawsthorn.
Mr. Councillor J. R. Smith.
Mr. Councillor C. White.

Representing the County of Lancaster.

Mr. W. E. Hale, C.C.
Mr. Philip Park, J.P.
Rev. L. C. Wood, B.A., C.A.

Representing Victoria Universities.

Prof. Bone (Manchester).
Prof. W. H. Woodward, M.A. (Liverpool).

* These Members of the Council are on the Corporation of Preston.

Secretary and Registrar:

T. R. JOLLY, F.C.I.S.

Officers and Committee, 1906.

GENERAL PURPOSES COMMITTEE.

Chairman : Mr. W. Ascroft. *Vice-Chairmen* : Mr. H. Davies, and Mr. Ald. J. C. Hamilton.

All Members of the Council are on this Committee.

FINANCE COMMITTEE.

Chairman : Mr. Y. W. Booth. *Vice-Chairman* : Mr. E. J. Andrew

Mr. R. W . Ascroft.	Mr. J. Y. Foster.	Mr. C. White.
Mr. R. F. Easterby.	Mr. W. B. Roper.	

AGRICULTURAL COMMITTEE.

Chairman : Rev. L. C. Wood. *Vice-Chairman* : Mr. H. P. Hornby.

Mr. E. J. Andrew.	Mr. J. Y. Foster	Sir H. F. Hibbert.
Mr. H. Bell.	Mr. W. E. Hale.	Mr. F. Hollins.
Mr. W. Fitzherbert Brockholes	Mr. J. H. Hammond	Mr. P. Park

AVENHAM INSTITUTE COMMITTEE.

Chairman : Rev. Geo. Steele. *Vice-Chairman* : Mr. E. Dickson

Mr. R. W. Ascroft	Mr. Henry Davies.	Mr. J. Rigg.
Prof. Bone.	Mr. R. F. Easterby.	Mr. W. B. Roper.
Mr. Y. W. Booth	Mr. J. C. Hamilton.	Prof. W. H. Woodward.
Mr. H. Cartmell.	Dr. J. H. Hammond	

TECHNICAL SCHOOL COMMITTEE.

Chairman : Mr. E. Greenwood. *Vice-Chairman* : Mr. H. Bell.

Mr. E. J. Andrew.	Mr. H. Calvert.	Mr. J. R. Smith.
Mr. Y. W. Booth.	Mr. J. Conner.	Mr. C. White.
	Mr. J. Y. Foster	

DOMESTIC ECONOMY SCHOOL COMMITTEE.

Chairman : Dr. Hammond.

Mr. W. Breakell.	Mr. J. Y. Foster.	Mr. J. R. Smith.
Mr. E. Dickson.	Mr. J. J. Rawsthorn	Mr. C. White.
Mr. R. F. Easterby.	Mr. W. B. Roper.	

The President and Vice-President are on all Committees.

HARRIS INSTITUTE, PRESTON.

23rd ANNUAL REPORT.

THE Council, in presenting their annual report, beg to state that like its predecessors it is of a satisfactory nature. The following statistics speak for themselves :—

	On Registers.	Average attendance.	Individual Students.
1st Year	396	343	318
1902-3	4768	4192	3188
1903-4	6130	5328	3720
1904-5	6256	5820	3848
1905-6	6529	6038	3855

During the past year no changes have taken place in the Council. Some changes have taken place in the staff, as follows :—Mr. W. A. Bennett, the head of the Art School, has been succeeded by Mr. A. R. Gladwell ; in the Weaving School, Mr. I. Molyneux has been succeeded by Mr. J. Mellor ; Mr. W. Jackson, the head of the P. T. Centre, has been succeeded by Miss J. M. Atkinson ; and Mr. E. Clayton, assistant P. T. Centre, has been succeeded by Miss C. Bradshaw. It has been found necessary from the growth of numbers to appoint two assistant lecturers in the Engineering Department, namely-Mr. Allan Smith to the electrical side, and Mr. J. Binfield to the mechanical. The teachers who have left us have, in all cases, obtained other appointments.

The Board of Education, in their report with regard to the Institute, say :—" The work throughout has been well organised, and much credit is due to the teachers for the energy and success with which they have given instruction."

The distribution of prizes took place in the Public Hall on December 4th, when the prizes were given away to the suc-

cessful students by Lord Balcarries, M.P. An additional ceremony took place in the Harris Institute on December 20th, when the prizes to the students of the school of Domestic Science were given away by Dr. R. C. Brown, who has in many ways contributed to the success of this school.

The finances of the Institute are in a satisfactory condition. During the year, however, the Council have to look forward to several exceptional items of expenditure necessary to keep the Institute in its present high state of efficiency. The Council of the County Borough of Preston has continued its grant of £1,500, and the Council of the Administrative County of Lancaster has increased its grant in aid of the Agricultural School from £550 to £650. The yearly grant from the Board of Agriculture of £150 has been continued. This school has increased its numbers and maintained its high reputation. It is almost unnecessary to say that without these grants the Council would find it impossible to maintain the work of the Institute on its large and comprehensive scale.

The Council desire to express their great appreciation of the very conscientious and efficient work of the Secretary and Registrar, and the entire staff of teachers and assistants, without which the very important and useful operation of the Institute would be impossible.

The following gifts have been received during the year :— The President (Mr. W. Ascroft), large framed photographs of the Harris Trustees for Council room ; Co-operative Society, Preston, samples of drapery, carpets, &c. ; Messrs. Lancaster and Tonge, Manchester, model of metallic packings ; the United States Packing Co., Bradford, model of metallic packings ; Messrs. W. Ryder and Sons, Bolton, lantern slides.; Messrs. T. Broadbent and Sons, Huddersfield, lantern slides ; Messrs. Pott, Cassels, and Williamson, Glasgow, lantern slides ; Messrs. Holden and Brooke, Manchester, model steam trap ; Messrs. R. Klinger and Co., London, gauge ; Messrs. J. Foster and Sons, Preston, boiler steels ; the Northrop Loom Co., Blackburn, loan of loom ; Messrs. Carvers Loom Co., Limited, warp stop motions ; Messrs. Hattersley and Sons, flanges ; the Electric Carriage Works, per Mr. E. J. Stanley, wood for carving class ; Mr. Isaac Simpson, Preston, model loom ; Messrs. T. Coulthard and Co. Preston, traverse motions ; Mr. W. Stevenson, London, work on " Progress of Carding." The Council very gratefully acknowledge the kindness of these different donors.

HARRIS INSTITUTE.

Proceedings of the Annual Meeting,

Held 4th January, 1906.

THE annual meeting of the Council of the Harris Institute was held on Thursday, the 4th of January, 1906, at the Technical School. The President, Mr. W. Ascroft, J.P., presided, and there were also present the Rev. G. Steele, M.A., Alderman J. C. Hamilton, Councillor H. Cartmell (Christ Church), Councillor J. Rigg, Mr. Yates W. Booth, and Mr. R. W. Ascroft.

The President Mr. Wm. Ascroft, in moving the adoption of the report, which will be found on page 5, announced the receipt of a letter from Archdeacon Fletcher, regretting his inability to be present, and said they were sorry to lose him from the Council. The report was a very satisfactory one. The work had been carried on as vigourously and usefully as ever. The principal change in the staff had been that in regard to the Pupil Teachers' Centre. It had been pressed upon them very strongly, not only by those who represented the Education Committee, but also by his Majesty's Inspectors, that the head of the portion of the Centre which included the lady members should be a lady. They had been impressed by the force of that argument, and they had been able to comply with it. He thought they had got a lady who would take the head of that department very efficiently. The observations of the Board of Education on their general work, based upon the reports of their inspectors, were very flattering. They spoke of the work as having been exceedingly good. The finances were in a satisfactory condition, more so than for a long time. They began the year with an overdrawn balance of £1,000, and ended with a deficit of £550; but the whole of that was not attributable to actual saving. During the coming year they would have certain additional items of expenditure which they would be obliged to meet. He felt

considerably ashamed of the condition of the doors and windows of the Institute, and of its outside appearance generally. It wanted painting very badly, and in addition the Art Inspector had put it upon them that they must provide some additional windows in the Art room. As their grants were dependent somewhat upon the efficiency of the school and the excellence of their equipment, their grants from the Government, in consequence of such an improvement, would probably be considerably increased, and in a few years they would find themselves recompensed.

The report expressed their appreciation of the work of the secretary, and of the staff generally, and he could warmly concur in that. He was sure they all had very strong sympathy with Mr. Jolly in the sickness which he was now passing through. That was the first occasion on which he had been absent from any meeting in connection with that Institute, and they missed his presence very much, and his hearty and helpful manner. They had all a strong and warm appreciation of the very valuable services he had rendered to that Institute, and they hoped he would have a speedy reccovery, and that in the New Year he would have health and happiness.

The Rev. G. Steele seconded. They were all very glad, he said, to hear that the Institute was going on so satisfactorily. They were sorry to find their old friend, Mr. Jolly, absent through illness, and they hoped he would soon be back again to carry on the work with the same vigour as before. (Hear, hear.)

On the nomination of the Rev. G. Steele, Professor Woodward, of the Victoria University, Manchester, was appointed a representative member of the Council.—The Chairman explained that they were affiliated with the University, and the practical effect of that was that two years spent in the Day College counted for one year's residence in Manchester. That was a substantial advantage to many of their students, and it was one of the terms that they should place someone representing the University on the Council of the Institute.

Mr. Yates W. Booth proposed a vote of thanks to the Chairman, observing that as year by year passed away they had greater reason than ever to be deeply indebted to Mr. Ascroft for the trouble, time, and ability he gave, and the worth of his services to that Institution. (Applause.)

Alderman Hamilton seconded, and the resolution was carried with acclamation.

The Chairman in reply said it was a source of great pleasure to have been connected with the Council so long and in a manner so friendly.

The meeting then terminated.

Distribution of Prizes

TO THE STUDENTS BY

LORD BALCARRES, M.P.,

On Monday, 4th December, 1905.

THE Annual Distribution of Prizes to the successful students attending the Harris Institute, Preston, took place on Monday, the 4th December, 1905, in the Public Hall, Preston, in the presence of a crowded audience.

The Chair was occupied by the President, Mr. Wm. Ascroft, J.P., and supporting him on the platform were :—Lord Balcarries M.P., Sir H. F. Hibbert, Sir W. E. M. Tomlinson, M.P., the Mayor of Preston, (Alderman Ormrod), the Rev. J. Pimblett, M.A., the Rev. Geo. Steele, M.A., Alderman Craven, J.P., Councillors Cartmell, Hodgson, Wooley, Brocklehurst, Ainsworth, Messrs. H. Bell, R. W. Ascroft, M.A., W. F. Ascroft, J. Y. Foster, J.P., Bott, M.A., Lloyd Evans Gregory, J.P., and Y. W. Booth, J.P., with the following members of the staff : Messrs. Rd. Adamson, Handy, Porter. Hughes, Billington, Blinkhorn, Revel, J. Smith, A. Smith, R. H. Jones, J. G. Jones, Harrison, Gaut, Binfield, Burton, Sinclair, Gladwell, Southworth, Bertwistle, Varley, Moyle, F. W. Jackson, Holden, Corkhill, Allen, Blackhurst, Mellor, Collinge, Taylor, and Lieut.-Col. Jolly, (Secretary).

The Chairman said they were favoured that evening by the presence and assistance of Lord Balcarres. His Lordship was a representative of the great House of Lindsay, a house which for many centuries had given warriors, statesmen, and authors, to the service of their country. He believed that the noble lord was destined to add distinction to that illustrious name.

He proposed to refer very briefly to a few leading features of their work during the last year.

The numbers showed an increase.

	1904	1905
Number on Register.....	6,256	6,529
Number of Average Attendances...	5,820	6,038
Number of Individual Students ...	3,848	3,855

The number of prizes awarded was largely in excess of any previous year ; so much so, that that they had been compelled to restrct the distribution to those representing the more advanced subjects.

As it was the distribution must necessarily occupy some considerable time, but not more, he trusted than they would think fitting, and called for by the excellence of the work done to earn them.

Some of the more marked successes were the following :—

Matriculation : John Winchester, George Worsley, James Bruce Houesman, Edward Cartmell, Bertram W. Porter.

Lancashire and Cheshire examinations : First positions in two counties :—Bertie Parker (French), Samuel Naphthen (German), Chas. A. Wright (Mechanical Engineering), Richard Sandham (woodwork), George Webb and Mary E. Petty, equal (Arithmetic). Second position in two counties :— Lily Bradshaw (Music), Third positions in two counties :— J. B. Beardsworth (Mechanical Engineering), Herbert Robinson (Shorthand). In these Examinations, out of 80 who sat for French, only four failed. Out of 157 in Bookkeeping, three failed. Forty-one in Science, one failed. Thirty-eight in music, two failed. James Markland and Richard Sandham were awarded teachers' certificates in Woodwork. T. Melling and H. W. Hull have practical work in carpentry and joinery retained in London for exhibition at the Imperial Institute.

Hugh Booth was awarded Drapers' Company exhibition (in Weaving and Design). With a view of encouraging young men engaged in textile industries to take advantage of the facilities now offered for technical instruction in evening classes and of enabling specially promising young men engaged in these industries to qualify themselves by courses of advanced study in technical schools for posts in mills and manufac-

tories, the Drapers' Company offer exhibitions of £10 tenable for two or three years, (only two are offered in this subject). The holder must undertake to attend advanced evening classes in textiles, registered by the Institute, and take also other cognate subjects of instruction under the Board.

William Simm was awarded a £15 art scholarship by the County Council. In Agriculture, two students obtained £60 scholarships, four students obtained £40 scholarships, seven students obtained £20 exhibitions, ten students obtained £10 exhibitions. Alfred C. M. Lillie, honours, Masonry ; took the Cordwainers' Companys prize and bronze medal, City and Guilds of London. W. H. Prideaux, Electric Lighting and power, Goldsmiths' prize and bronze medal, City and Guilds of London. Maurice Turner, £45 Science Scholarship, tenable at Owens College, and " Robert Ascroft," special prize.

The last prize in the list was marked " Robert Ascroft " prize. His father was warmly interested in the work of the old Mechanics' Institute, out of which sprang the Harris Institute. He was one of its founders in 1828. He was born just 100 years ago, and his (the President's) sister, Mrs. Mitchell-Dawson, asked to be allowed, as a mark of her respect for her father's memory, to present that prize on the occasion. She was giving similar prizes at the Grammar School. (Applause.)

A discussion had lately been going on in some papers, whether these technical schools turned out good men of business, and it had been suggested that a difficulty arose in placing the students in positions of responsibility. Confidence was always a plant of slow growth, and employers were naturally wishful to prove a young man's fitness before placing him in a position of trust. The commercial faculty of buying and selling and organisation, was hardly one which could be taught in any school, and was not one universally possessed. One could imagine that it must be developed and improved by practical experience. What was certainly taught in these schools was the knowledge of the principles underlying all industries, and the knowledge and adaptability which made men better and more intelligent workers in all occupations, and more fitted to deal with new complications and improvements, which were constantly coming to the front in all avocations, whether commercial or industrial. (Hear, hear.)

He had a list of several old students now filling important positions. They began, in several instances, as spinners or

cardroom hands, and were now managers of mills or partners. He could instance two factory inspectors, several lecturers and demonstrators, foremen, designers, and salesmen. All could not obtain such situations, but all could become better workmen, and as such were certain to draw the attention of their employers and increase their usefulness to them, and therefore advantage to themselves. (Hear, hear.)

Other nations appreciated the advantage of this training, and so did the sensible men of this nation. In no town more than Preston was such teaching of greater advantage. Our fancy trade was only possible in consequence of our having a highly skilled class of workers. He was convinced that what we were doing was of great public advantage. It raised the standard of the workers all round. It made it easier for the capable man of affairs to lift himself to a higher level and draw up others with him. Such men found increased employment, and so benefited all about them.

With reference to the Agricultural School, it was doing even better work than ever. The numbers increased, and he was glad to say that the spirit of co-operation between them and the County Council in this work was one of great harmony and mutual appreciation. The same feeling of hearty co-operation existed between them and the County Borough of Preston. (Hear, hear.)

Some few changes in the staff had been made during the year. Mr. Gladwell had been placed at the head of the Art School, and Miss Atkinson had been placed at the head of the female branch, of the pupil teachers' centre.

He thought that all the many branches of the Institute were working well. It would be unfair to attempt to particularise in this respect one branch rather than another.

They were developing the schemes for grouping subjects of allied studies in courses, more especially in those affecting the trades, with much success. These courses were gradually becoming more largely attended, as their advantages were becoming better known.

It was his pleasing duty to speak in high terms of satisfaction of all the staff of the Institute. All its members were actuated by a spirit of loyalty and a desire to promote the interests of the students and of the Institute. And with this feeling on their part, and the hearty feeling of mutual confidence and

goodwill which influenced the Council, it was felt that the Institute would continue to prosper and grow in usefulness to the town and district. (Applause.)

Lord Balcarres then distributed the prizes.

Lord Balcarres then addressed the meeting, and said his first words must be words of congratulation. He congratulated the students who had that evening won prizes ; he congratulated the students whose numbers were so great that it was impossible for them to receive the prizes that evening ; and he congratulated those students who, although they had not received prizes, had none the less done their best.—Applause).

Congratulation also, he thought, must be due to the staff and to the governing body for the twelve months of hard work which must have preceded that great prize giving. And might he also venture to congratulate the audience, because it seemed to him that one of the most remarkable features of that ceremony was not merely the number of prize winners, but the interest shown by that vast gathering in the subject of higher and technical education.—(Applause).

That showed, he hoped, their interest in the subject ; it showed their interest in the work which had been accomplished ; and he had no doubt it connected also their confidence in the future.

In looking through the prize list he had been very much struck by the immense variety of subjects which were taught by the Institute.

The progress since the foundation of the Institute had indeed been remarkable. In the first year of its foundation, some 20 or 23 years ago, there were only some 300 students ; during the present year they were well over 3,800.—(Loud applause.)

That showed that there was a regular increasing effort put forth by that community for technical and secondary education ; but the efforts which were put forth, after all, did very little more than correspond with the increasing needs and requirements of the day.

On the technical side, he understood that they had a well equipped and thriving school of electrical work. Twenty-five

years ago he imagined that such a series of classes would have been held unnecessary, or, at all events, purely experimental in their character.

So again, the progress of chemistry since the foundation of that institute had been such that their word had of necessity been revolutionised.

He did not, however, wish to refer to all the various spheres of work. He would just like to say this about two of the subjects. In the first place, to express his personal sympathy and respect for what he supposed were called the domestic side of the training—laundry work, cooking, dressmaking, and so on. He could not help thinking sometimes that they gave too much attention to other branches of work, and too little attention to that most important branch of education. —(Hear, hear),

It was perfectly clear that those domestic classes were of the utmost value to enable the community to realise and to employ without waste all the benefits which could be gained by the other technical efforts.

And so far the influence of those domestic classes upon their daily life were concerned, he imagined that no one would deny that they, as much as any other classes, had contributed to domestic comfort and domestic plenty.—(Applause).

He would refer again with special emphasis to one other branch of their work. That was with reference to the training of pupil teachers. He understood that that particular sphere of work might be regarded as of a temporary character. Be that as it might he was sure the importance of pupil teacher training could not possibly be over-estimated.

In that matter they were sometimes apt to put the cart before the horse. Sometimes they were in too great a hurry to train the children before they had adequately trained the teacher.

The teacher had got to be taught, and teaching was one of the few things about which it could be said that it was at the same time a fine art and an exact science.

He most heartily commended the very successful efforts which were being made in that most important sphere of work, because he knew very well that its importance, longer perhaps

realised in Preston than in any other parts of the country, was only just coming to mature realisation. The training of teachers was one of the most important branches of higher education.

He understood very well that the great work of the Harris Institute could never have been brought to its present stage of effiiciency without the most cordial harmony and co-operation of pretty nearly every interest that possibly could be concerned.

The Corporation, as they all knew, had realised its civic responsibilities in the matter to the extent of making an annual grant of something liks £1,500 per year.—(Applause.)

The County Council, consisting of practical men, realised the value of the institute, and in their turn had made a grant of something like £500 per year.

Finally those educational successes were not merely a question of money,

To the staff, many of whom he saw round him, as their chairman had reminded them, a great share of the praise for that success was due.—(Loud applause),

He concluded as he began, by expressing his gratification at the work which had been done, but there must be no going back. Neither that Institute nor that town could afford to rest upon the laurels of its past success.—(Hear, hear). They had got to look to the future.

The quiet man, working in his study or laboratory, might one day produce some discovery or invention which might put their plant out of date, which might make all our systems antiquated. Our educational systems, therefore, must be prepared to keep abreast and in advance of those most formidable competitors springing up both at home and abroad.

Might they remain, therefore, abreast of the times, zealous and alert, grasping every opportunity which came their way, not merely maintaining the high standard which they had achieved in the past, but always keeping before them the high ideals which had been a source of their strength and of their distinction in the past.—(Loud applause).

Sir Henry F. Hibbert, chairman of the Lancashire Education Committee, moved a vote of thanks to Lord Balcarres who came as their chairman had told them, of a very illustrous family ; and no man in the United Kingdom knew better the condition of a scientific training if our industries must prosper. He was a very busy man, and to use an Americanism, he considered it "real good" of Lord Balcarres to come there that night, because not only was he a busy man, but in the next few weeks he would be busier than he had ever been in his life.—(Laughter).

He (Sir Henry) would like, as chairman of education for Lancashire, and seeing that a partnership existed between them, to say one or two words.

He might begin, like Lord Balcarres began, by congratulating the Harris Institute on their success.

He dared say that most of them knew that the agricultural students were taught the scientific portiou of their education at the Harris Institute ; but he did not think they knew that in consequence of the good instruction given at the Institute and at the County Council farm, that the agricultural students of Lancashire headed the poll among all the agricultural studdents in the United Kingdom.—(Loud applause).

In other words, they had an infinitely greater number of successes in connection with those classes than any similar Institutes in the United Kingdom.—(Applause).

It was very advantageous and necessary in a town like this, which depended on the success of the cotton industry, that they should have a good textile school.

The records read out by their chairman showed that they had been giving practical education to their cotton students, and that that practical education had enabled them to succeed in life, and not only improve their own position, but what was infinitely of greater importance, they would also improve the condition of trade in that county.

Of course a technical school was not a place where they might expect to educate managers.

That was outside the province of a technical school. They could not in a technical school educate men to manage men, for probably that was the most difficult question any of them

had to study. But he would tell them what they could do. They could educate men in the scientific truths which underlay their particular industry, and give them the opportunity when the time arrived of benefiting by that. There had been, as they knew, a controversy in the columns of the newspapers about the difficulty of obtaining positions for technical students particularly in the cotton trade, and that controversy arose from a speech he made in the County Council dealing with that question. They had been investigating the subject, and they had learned a great many things which would be useful to them in the future.

But he would like to utter one word of warning to the students themselves. They must not expect to go into mills and workshops and start at the top. They must be like the students in the United States of America, who, after many of them receiving what they called a good college education, went through a course of the technical school, and then were quite content to start at the bottom, and demonstrate, by their superior ability brought about by the instruction they had received at the technical school, their worth.

They might depend upon it that the Lancashire manufacturers and the Lancashire employers of labour were not so dead to their own interests as not to employ the very best material they could get hold of.

They knew that the most valuable asset they had was the brains of the people. They wanted to develop those brains, but they did not want to develop them simply for the gain of the students. It was in order that they might make the country they loved so well more prosperous, contented, and happy. For that reason he commended to them that excellent school.

He had seen most of the schools in Lancashire, but in the textile department he had seen nothing better than they had in Preston.

Outside the students in agriculture, he found that about 400 of the County Council students were educated by the Harris Institute, and seeing that so many of their students had to come to their classes it was of infinite and paramount importance that these classes should be well conducted, admirably served, well equipped, and splendidly staffed. He was glad to have the opportunity of stating that they found all that in connection with the Harris Institute ; and he was

glad also to be able to say there that the relations between his committee and the committee of the Harris Institute were on a better and securer foundation than they had been for years.—(Applause).

He hoped that that state of things might continue. They both of them had the same object in view ; they were both of them striving for the same end ; that was to educate the people to improve their position, and to make this country happier and wealthier. In that respect he was delighted to see so many ladies present that night.

It had been very truly said that " she who rocks the cradle rules the world." When he went to a distribution of that kind, and he thought that was the 115th he had attended, and saw a large number of ladies present, he felt satisfied that education was in good hands, because the ladies had an enormous amount of influence. He wished them to exercise that influence for the benefit of those they had brought into the world. (Applause.)

Alderman Craven, J.P., chairman of the Preston Education Committee, seconded. He felt sure that it must be a delightful pleasure to Lord Balcarres to be present at that great gathering to help and encourage the President and other members of the Harris Council in the excellent work they had been doing for the past 23 years, and which had been the means of incalculable benefit to that town.

The experience which had been gained in the 23 years which had elapsed since the foundation of the Harris Institute had resulted in a well-defined system of carrying on the great work.

Everyone concerned in its foundation or its conduct was to be congratulated, as the noble lord had said, on the success which had attended their efforts.

That Lord Balcarres should take the trouble and make it convenient to come there and distribute the prizes to the students they must regard as an honour to their town, and particularly to the council, the staff, and the students of the Institute.—(Applause).

Yet, on the other hand, his being with them had perhaps served him a kindness. It might have relieved him from the monotony of making those political speeches which he had

been giving on the many vexed questions of the day. It was often said that a change was as good as a rest, and no doubt that prize distribution would act as a rest to Lord Balcarres from political excitement, and also as a kind of tonic which would fit him to go back to his constituency with increased vigour.—(Applause). Lord Balcarres had by his presence encouraged the students and the staff who were gathered there that night.—(Applause).

Sir W. E. M. Tomlinson, M.P. supported. He said it happened to him fortunately on several occasions to be present at their annual distribution of prizes when they always desired that they should have there someone whose sympathy and interests were with them on the question of education such as they were now speaking of that night.

They had had distinguished persons from various parts of the country, but he thought they were glad, and he was glad, that they could fall back upon Lancashire itself, and to find one whom they were pleased to see there, giving his support to the great object which that Institute was formed to carry out, and carrying out, with so much advantage to the town.

There was one advantage in having a Lancashire man there, because he knew the needs of the county, and was in sympathy with the desires and wishes they had in supporting that Institution.

Of course a man might be a Lancashire man and yet he might also have had a wide experience of other parts of the country which enabled him to speak with greater authority and greater knowledge ou those things which they wished to look forward to in reference to that Institution.

If there was a family who had interested themselves and devoted themselves to all those objects and pursuits which had made Lancashire great, it was Lord Balcarres' family.—(Applause). Therefore, if all they had to think about in seeing him on the platform that night were those things to which he (the speaker), had alluded, their thanks solely on those grounds would have been well deserved.

But when they came to reflect upon the remarks which Lord Balcarres had made they would feel that they had something more that night, because in many of the points to which he had alluded he had gone to the root of those questions which belonged to that advance in higher education which

had been so necessary in towns like that, and of which the Harris Institute had done so much to advance in Preston.

If he wished to emphasise one of them it would be that they ought to keep in mind and consider especially those young persons from whom they had received so many feelings of pleasure on the platform that evening, that they and their efforts were not meant for themselves alone, but that every one of them, however much they looked to personal advantage to be derived from that instruction must remember that there was a greater thing, namely, that they were all parts of one great whole. If they only considered themselves in reference to advance in knowledge and fitness for life, they were doing very little for themselves as well as for the greater objects they ought to have.

He hoped that that Institution would go on and increase in usefulness. (Applause.)

The vote was heartily carried.

On the proposition of the Mayor, Mr. Alderman J. Ormrod, seconded by the Rev. J. Pimblett, a hearty vote of thanks was accorded to the President, to which Mr. Ascroft responded.

During the evening a programme of music was given, opening with an organ solo by Mr. James Tomlinson.

The Harris Institute choir sang a number of selections in first-class style, the proceedings closing with the National Anthem.

List of Prizes and Certificates

AWARDED TO STUDENTS ATTENDING THE CLASSES AT THE HARRIS INSTITUTE, SESSION 1904-5.

SPECIAL PRIZES.

BOARD OF EDUCATION.

ART.

Simm, Wm.—National Competition Prize, and Lancashire County Council Scholarship, £15.

SCIENCE.

Fisher, Geo.—Agriculture, Board of Education, Prize £2.

CITY AND GUILDS OF LONDON.

Booth, Hugh—Cotton Weaving—Drapers' Company Exhibition, value £10, tenable 2 or 3 years.

Lillie, Alf. C. M.—Masonry—Bronze Medal and Prize, value £1 10s. 0d.

Prideaux, Wm. H.—Electric Light and Power—Bronze Medal and Prize, £2 0s. 0d.

LANCASHIRE AND CHESHIRE UNION OF INSTITUTES.

Parker, Bertie—French Intermediate,—1st Prize.

Napthen, Saml.—German Intermediate—2nd Prize.

PUPIL TEACHERS CENTRE.

Houseman, Jas. B.—Matriculation, University of London.

Worsley, Geo.	ditto.	ditto.
Porter, Bertram W.	ditto.	ditto.
Winchester, John	ditto.	ditto.

DAY CLASSES.

Cartmell, Ed.—Matriculation Victoria University.

£45 SCIENCE SCHOLARSHIP AND THE "ROBERT ASCROFT" SPECIAL PRIZE.

Turner, Maurice R.

SCIENCE.

All Students obtaining First Class awarded Scholarship and Prize.

PRACTICAL PLANE AND SOLID GEOMETRY.

STAGE I.

FIRST CLASS : Clough, Wm., Moss, Frank, Worsley, Nicholas, Varley, Henry, Duckworth, Rd. B., Airey, Frank W., Battle, Wm., Collinson, Chas., Allen, J. J.

SECOND CLASS : Yates, Joseph Y., Simpson, Joseph., Hodson, Hy., Turner, John, Fielding, Joseph, Pinder, Frederick N., Tomlinson, Andrew R., Sumner, John, Kay, Robert, Crawshaw, Rd.

STAGE II.

FIRST CLASS : Mason Thomas

SECOND CLASS : Livesey, Chas. R., Duckworth, Alfred J Seed, Walter.

STAGE III.

SECOND CLASS : Chas. A. Wright.

MACHINE CONSTRUCTION AND DRAWING.

STAGE I.

FIRST CLASS : Norris, John L., Seddon, Wm., Breakell, Jas., Barnes, Oswald, Moss, Frank, Wareing Wm. G., Fletcher, Geo. H., Jones, James, Beardsworth, Jas. B., Duckworth, H., Halliwell, Percy, Humber, Jno. W., Smith, John, Coupe, Roger, Rae, John H., Brown, Herbert F., Pickering, Arthur, Walton, Seth, Wood, Fred. F., Hind, Rd. P., Sanderson, Robert, Barrett, Albert Ed., Shakeshaft, Fred., Garnett, Jas. R.

SECOND CLASS : Smelley, Rd., Walker, Wilfrid, Butterworth, Jos. L., Snape, Arthur, Hornby, Thos., Mather, Jno., Pearson, Jno., S., Hull John.

STAGE II.

FIRST CLASS : Pilkington, Herbert, Bamford, Herbert, Dickinson Geo., Brookhouse, Frank P., Cox, Wm. J.

SECOND CLASS : Donaldson, Robt. G., Friedenthall, Albert, Renwick, Jos. A., Alty, Henry, Eastham, Ernest, Woods, Barton.

STAGE III.

FIRST CLASS : Wright, Chas. A.

SECOND CLASS : Friedenthal, John.

BUILDING CONSTRUCTION.

STAGE I.

FIRST CLASS : Heywood, Reginald, Pinder, Frederick N. Fielding, Joseph, Roberts, Alfred, Coward, Rd., Inman, John, Marsden, Wm., Hunt, Thos., Worsley, Nicholas, Shaw, Albert, Simpson, Joseph, Gardner, Geo. F., Cross, Cyril J., Marland, Geo., Foster, Thos., Hodson, Hy., Goring, Francis, Whittle, Rd., Hayes, Albert, Cookson, James, Bennett, Geo., Worthington, Geo., Thompson, Wm. C., Swift, Thomas.

SECOND CLASS : Saul, Thos. P., Iddon, Percy, Fleming, Thomas, Rawcliffe, Wm. S., Worden, Frank, Spencer, Hy., Muncaster, Sydney, Gill, John, Heaps, Wm., Dickson, Fred. S., Hunt, John, Ainsworth, Harold T., Baron, Wm., Harding, John, West, Geo., Cartmel, James, O'Neill, Herbert, Barry, James, Coupe, Wm., Cartmell, John M., Higginson, James, Whiteside, Luke.

STAGE II.

SECOND CLASS : Hull, Hugh W., Kelly, Wm. M., Hope, Louis Tomlinson, Andrew R., Waring, Henry, Duckett, Rd., Stevenson, Richard H., Blackhurst, David, Seed, Walter, Baron, Geo., Collinson, Chas., Muncaster, Robt. H., Royles, Herbert.

STAGE III.

FIRST CLASS : Rigby, Sydney E., Lillie, Alfred C. M., Allen, J. J., Bailey, Thos. R., Mowbray, Fred. G.

SECOND CLASS : Townley, Peter, Airey, Frank, Taylor, Wm., Waring, James, Sandham, Benj., Crossthwaite, Wm. G.

MATHEMATICS.

STAGE I.

FIRST CLASS : Bentley, Thos. H., Taylor, Chas. B., Wilson, Sidney J., Cross, James, Collins, Estyn St. C. M., Ianson, James, Wignall, Rd. H., Fletcher, Edith,

SECOND CLASS : Glaister, Thos. H., Crozier, Hy. C., Smith, Jno., Wilkinson, Ed., Rice, David H., Arrowsmith, Robt., Smith, Leo., Arnall, Arthur R., Baines, Nellie.

STAGE II.

FIRST CLASS : Winchester, John, Holden, Thos., Worsley, Geo.

SECOND CLASS : Arnall, Sydney J., Rigby, Edward C., Smethurst, Rd., Crosby, Berkley, C., Lowe, Hugh S., Watson, Geo., Wilkinson, Thos., Baker, Samuel, Howarth, Fred., Hall, Thos. N., Nelson, William, Bellamy, Gilbert.

STAGE III.

FIRST CLASS : Mayor, Fred.

SECOND CLASS : Raynor, Benj. H., Forrest, Albert E. Houseman, Jas. B.

PRACTICAL MATHEMATICS.

STAGE I.

FIRST CLASS : Seed, Wm., Wilding, Ernest, Eastham, Bertie, H. Lancaster, Hodson H., Duckworth, Hy., Sumner, John R., Wardley, Thos., Yates, Simon, Southworth, James, Walton, Seth, Garnett, John, Barrett, Albert Ed., Shakeshaft, Fred., Sanderson, Rbt., Duckworth, Thos., Brown, Herbert, F., Rae, John H., Bamford, Herbert, Ayres, Geo. H.,

SECOND CLASS : Moss, Frank, Wheeler, Fred., Barnes, Oswald, Law, James, Renwick, Jos. A., Coupe, Roger, Duckworth, Rd. B., Wareing, Wm. G., Worden, Wm., Vernon, Chas. N. Berry, Wm., Elliott, Thos., Taylor, Thos., Holmes, Arthur, Hull, John.

STAGE II.

SECOND CLASS : Eastham Ernest, Cox, Wm. J., Booth, Wm.

STAGE III.

SECOND CLASS : Wright, Chas. A.

THEORETICAL MECHANICS, (Solids).

STAGE I.

FIRST CLASS : Buckley, Wm. H., Cahil, Michael, Taylor, William.

SECOND CLASS : Foster, Frank, Dundon, Patrick, Coupe, Roger.

STAGE II.

SECOND CLASS : Wright, Chas. A.

APPLIED MECHANICS

STAGE II.

FIRST CLASS : Dale, John S.

SECOND CLASS : Sumner, John R., Renwick, Jos. A., Price, Alfred J., Cox, Wm. J., Brookhouse, Frank P., Rigby, Wm., Seed, Wm., Yates, Simon, Alty, Henry, Coupe, Roger, Eastham, Ernest, Southworth, Jas.

STAGE III.

SECOND CLASS : Wright, Chas. A., Booth, Wm.

SOUND LIGHT AND HEAT.

STAGE I.

FIRST CLASS : Heywood, Reginald, Cahill, Michael, Miller, Richard G., Winchester, John.

SECOND CLASS : Jackson, Arthur C., Cocking, Frank, Renwick, Joseph, Brown, Robert C.

MAGNETISM AND ELECTRICITY.

STAGE I.

FIRST CLASS : Brown, Herbert F.. Brown, Robt. C., Vernon, Chas, N., Goward, Albert, Jolly, Herbert, Brady, John, Lovett, Charlotte, Cahill, Michael, Newton, Isaac, Pope, Alan, Bamber, Francis, Cowell, Rd.

SECOND CLASS : Wood, Fred., Taylor, Thos., Barlow, Robt. G., Miller, Rd. G., Cartmell, Ed., Gregson, Fred., Holden, Wm. M., Lucas, Leonard, Best, John G., Collinge, James, Kerr, Wm. F., Rayton, John F., Cahill, Joseph, Sumner, John R., Whitehead, Joseph, Worden, Wm., Hardman, Annie M.

STAGE II.

FIRST CLASS : Houseman, Jas. B., Harrison, Thos.

SECOND CLASS : Bilsbor ow, Edward, Woods, Alfred, Morris, Frank.

THEORETICAL INORGANIC CHEMISTRY.

STAGE I.

FIRST CLASS : Garth, Margt., Sanderson, Florence A., Simms, Sharon A., Desmond, Beatrice, Hill, Lillie, Smethurst, Rd., Breakell, Florence, Llewellyn, Arthur S., Openshaw, Oswald, Worsley, Geo., Fletcher, Edith, Houseman, James B., Gore, Eliza, Lodge, Helen, Miller, Rd., Hall, Henry G., Nichols, Mabel, Dewhurst, Florence, Cocking, Frank, Sanderson, Susannah, Holden, Thos., Thompson, Wm., Walton, Seth.

SECOND CLASS : Needham, Wm. R., Platts, Jno. W., Jackson, Arthur C., Gatenby, Geo. F., Harrison, Chas. E., Jones, Lillian, Rayner, Wm. H., Dobson, Thos. M., Winchester, John, Kellett, Elizabeth, Wilson, Constance M., Roocroft, Ada, Clare Phœbe, Rogers, Stephanie G., Ayres, Edith A., Mart, Alice M., Ward, Lilly, Deakin, Samuel W., Crossley, Elsie, Aspinall, Helen, Wearing, Eleanor, Freeman, Daniel, Porter, Henry, Ayres, Geo. H., Turner, Lilly, Pomfret, Annie, Reid, Isabel, Dewhurst, Edith, Kilroe, Florence.

STAGE II.

FIRST CLASS : Hargreaves, James.

SECOND CLASS : Rayner, Benj. H., Corless, James, Kirkman, Fred. B., Mayor, Fred., Jeacock, Arthur G., Rimmer, Thos., Harrison, Ernest, Bond, James R., Fisher, John, Saunders, Chas., Cartmell, Ed., Stoker, Wm. R.

STAGE III.

SECOND CLASS : Cowperthwaite, Wm., Turner, Maurice, R.

PRACTICAL INORGANIC CHEMISTRY

STAGE I.

FIRST CLASS : Crossley, Elsie, Openshaw, Oswald B., Ayres, Edith A., Cocking, Frank, Dewhurst, Florence.

SECOND CLASS : Thompson, William, Dobson, Thos. M., Gatenby, Geo. F., Platts, Jno. W., Miller, Rd. G., Harrison, Charles E., Jackson, Arthur C., Arnall, Arthur.

STAGE II.

FIRST CLASS: Corless, James, Jackson, Osbert, Rimmer, Thomas, Harrison, Ernest.

SECOND CLASS : Dundon, Patrick, Rayner, Benj. H., Brown, Herbert F., Stoker, W. R., Bond, Jas. R., Sugden, Wm., Saunders, Charles.

STAGE III.

SECOND CLASS : Bland, Geo. R.

THEORETICAL ORGANIC CHEMISTRY.

STAGE I.

FIRST CLASS : Cowperthwaite, William, Hargreaves, Jas.

SECOND CLASS : Higginson, Arnold.

GEOLOGY

STAGE I.

FIRST CLASS : Kilroe, Alfred, Bland, Geo. R., Bluhm, Cyril, Simpson, Henry, Llewellyn, Arthur S., Rimmer, Thomas, Saunders, Chas., Podmore, Fred. J., Singleton, Edward, Freeman, Daniel L.

SECOND CLASS : Clare, Phœbe, Aspinall, Helen.

STAGE II.

FIRST CLASS : Sugden, William.

SECOND CLASS : Fisher, John, Robinson, Esther L., Stoker, Wm. R., Bond, Jas. R.

STAGE III.

SECOND CLASS : Harrison, Ernest.

HUMAN PHYSIOLOGY.

STAGE I.

First Class : Bolton, Constance, Bridge, Marian J. Houseman, Nora, Breakell, Lillie, Alty, Grace.

Second Class : Alty, Helen, Hull, John T.

STAGE II.

Second Class: Mc.Courty, Constance.

BOTANY.

STAGE I.

Second Class : Breakell, Elizabeth, Rimmer, Thos., Saunders, Chas., Llewellyn, Arthur S., Kilroe, Alfred, Bland, Geo. R., Freeman, Daniel, L.

STAGE II.

First Class : Harrison, Ernest, Stoker, Wm. R.

Second Class : Robinson, Esther L., Sugden, Wm., Bond, James R., Dewhurst, Florence.

STEAM.

STAGE I.

First Class : Barrett, Albert Ed., Duckworth, Thomas, Shakeshaft, Fred, Hull, John, Sanderson, Robt., Rae, John H., Brown, Herbert F., Bamford, Herbert, Sumner, John, Beardsworth, James B., Whalley, Benj., Clough, Wm., Wardley, Thos., Duckworth, Hy., Eastham, Bertie, Halliwell, Percy, Crozier, Frank B., Gill, John, Lancaster, Hodson H., Wareing, Wm., Busby, Joel C., Jeffrey, John, Stirzaker, Hy., Fletcher, Geo. H.

SECOND CLASS: Shuttleworth, John, Southworth, Alfred, Marginson, Walter, Ayres, Geo. H., Berry, Wm., Wood, Fred. G.

STAGE II.

FIRST CLASS: Walton, Seth, Cox, Wm. J., Alty, Hy., Southworth, James.

SECOND CLASS: Coupe, Roger, Foster, John H., Kelman, Wm. H. M.

STAGE III.

FIRST CLASS: Booth, Wm.

SECOND CLASS: Wright, Chas. A., Friedenthal, John.

PHYSIOGRAPHY.

SECTION I.

PASS: Taylor, Chas. B., Wilding, Annie, Wilkinson, Thos., Hall, Thos. N., Worsley, Geo., Winchester, John, Aveline, Enid, Ryding, Amy, Sanderson, Susannah, Dawson, Mary, Hill, Lillie, Crosby, Berkley C., Dawson, Margt.,

STAGE I.

FIRST CLASS: Moss, Wm., Moss, James, Smethurst, P., Holden, Thomas.

SECOND CLASS: Briggs, Jno. J.

AGRICULTURAL, SCIENCE, AND RURAL ECONOMY.

STAGE I.

FIRST CLASS: Vichoff, Noel C., Metcalf, Francis, Thompson, Dorothy, Brentnall, Amy, S. Ingham, Edmund, Rimmer, Thos.

SECOND CLASS: Ibbotson, Geo. F., Holmes, Roger P., Curwen, Claude, Whittaker, Fred., Hyde, Norman B., Holmes, Jas. R., Vaughan, Margt., Robertson, Amy, Podmore, Fred. J.

STAGE II.

STAGE II. (Section A.)

FIRST CLASS : Thompson, Wm., Stockley, Wm. T.

SECOND CLASS : Openshaw, Oswald B., Llewlleyn, Arthur S., Barton, Harold D., Ashley, Alice, Clare, Phoebe.

STAGE II. (Section C.)

FIRST CLASS : Fisher, Geo., Staniforth, R. W., Simpson, Alfred, Wilson, John., Robinson, John, Richardson, Robt., Anyan, Annie G., Nickson, Kate M.,

HONOURS GRADE.

SECOND CLASS : Eastham, Alfred.

HYGIENE.

STAGE I.

FIRST CLASS : Walmsley, Margt., Alty, Grace, Sanderson, Beatrice, Aveline, Annie E., Westall, George Wilkinson, Mary, Pinck, Annie K. D., Moore, Margt., Brocklehurst, Mary E., Kirkham, Elizabeth, Scowcroft, Eva R., Tough, Christina S.

SECOND CLASS : Ingram, Alice, Sumner, Annie, Hill, Frank, Smith, Annie, Harrison, Sarah J., Helme, Dora, Helme, Gertrude M., Hull, John T., Catterall, Ethel, Bradshaw, Mary, Charnley, Lucy, Ainsworth, Mary A., O'Halloran, M., Singleton, Ada, Raby, Margt. D., Deevy, Josephine.

STAGE II.

FIRST CLASS : Wignall, Marion, Mercer, Amy E., Bridge, M., Bolton Constance

SECOND CLASS : Hartley, Thomas, Pimley, Mary E. H., Wignall, Lottie, Singleton, Edward, Townend, Annie, Alty, Helen, McKay, Mona, Scholes, John G.

ELEMENTARY SCIENCE OF COMMON LIFE.

CHEMISTRY.

STAGE I.

FIRST CLASS. Metcalf, Francis, Simpson, Henry, Bluhm, Cyril, Ingham, Edmund, Chapman, Francis M., Deevy, Josephine, Coulson, Edith, Pinck, Annie, Brentnall, Amy, S., Singleton, Ada, Tough, Christina, S. Kirkham, E. Ward Florence M., Fowler, Dorothy.

SECOND CLASS : Robertson, Amy, Makinson, Chas. W., Whittaker, Fred, Hyde, Norman B., Holmes Jas. R., Vaughan, Margt., Thompson, Dorothy, Holmes, Roger P., Brocklehurst, Mary E., Fox, Ethel, Scowcroft, Eva R. Raby, Margt. D., O'Halloran, Mary

SCHOOL OF ART.

Board of Education Examinations.

* *Scholarship Awarded.*

† *Scholarship and Prize Awarded.*

GEOMETRICAL DRAWING.

FIRST CLASS. *Rawcliffe, Elizabeth, Easterby, Margt.

SECOND CLASS: Hunter, Jane, Henry, Ethel G. M., Milner, Mary E., Worthington, Hannah L., Simm, Wm., Arnall, Sydney J., Elliott, Thos., Garnett, Jno., Taylor, Thos,

FREEHAND DRAWING IN OUTLINE.

FIRST CLASS: *Billington, Wm. S., *Patterson, Thomas, Ainsworth, Harold., †Blackledge, Ernest, †Haslam. Francis, *French, Katie C., †Coulthurst Maggie, †Pomfret Annie, Simm, Wm., †Henry, Ethel G. M., *Jump, Ethelwyn, V., *Rogerson, Winifred N.

SECOND CLASS: Mallwaine, Margt. G., Howarth, Fred., Pickles, Winifred, Critchley, Ellen, Hill, Lillie, Bellamy, Gilbert D., Noblett, Jos., Crossley, Ellen, Baines, Nellie, Gregory, Wm Tomlinson, Elsie, Houghton, Clara, Sweeny, Catherine, Wood, Bond Isabel, Plumb, Harold, Fraser, Sarah, Bibby, Nellie, Cross, James, Collinge, James, Wilson, Constance M., Sidgreaves, Beatrice A., Simms, Sharon A., Chapman, Annie, Fletcher, Edith, Fisher, Benj., Smith, Albert., Dewhurst, Edith,

Hargreaves, Mary E., Shaw, Beatrice, Hay, Bessie, Burton, Alban, Worthington, Robt., Critchley, Arthur, Walker, Wm. H., Clarke, John, Richardson, John W., Mashiter, George, Holmes, Herbert, Wilkinson, Thos., Worthington, Wm., Crosby, Berkley C., Lowe, Hugh S., Baxendale, Thos., Jones, Kate, Barker, John W., Ryder, Hy., Henry, Elsie H. H., Worsley, Geo., Sharples, Fred., W., Nelson, Sarah E., Rawcliffe, Elizabeth, Kirby, Alice, Ward, Lillie, Garth, Margt., Heaton, Sarah, Eastham, Alyne, Holden. Thos., Gorman, William. T., Seed, Amelia.

MODEL DRAWING.

FIRST CLASS : Aveline, Enid, Tomlinson, Janie, Smethurst, Rd., *Burton, Wm. E. B., †Cummins, Alicia M., †Duckworth, Joseph, †Moss, Wm. †Nelson, William, †Clarke, John, Rogerson, Winifred M., Bryning, Frances M.,

SECOND CLASS : Weinich, Ferdinand, Wilson-Green, Edith, Brewer, Fred. E., Marquis, Kate, Ryder, Harry, Holden, Thomas, Wignall, Rd. H., Baines, Nellie, Martin, Ada M., Blackledge, Ernest, Duckett, Rd., Simm, William, Howarth, Fred., Barker, Jno. W., Fisher, Benj., Ainsworth, Harold T., Haslam, Francis, Henry, Ethel G. M., Cross, James, Wilkinson, Thos., Marland, Jas. W., Seed, Amelia, Glaister, Thos. H., Howard, Patrick, Plumb, Harold, Barrett, A. M. M., French, Katie, Milner, Agnes, Sowrey, Mabel J., Tuson, James, Jump, Ethelwyn V., Brierley, Mary, Lees, Monimia, Hunter, Jane.

DRAWING IN LIGHT AND SHADE.

FIRST CLASS : Simm, Wm., *Hay, Wm. R., †Marland, Jas. W., †Burton, Alban, Jump, Ethelwyn V., †Sandwell, Stephen, Wiseman, Edith M., Easterby, Margt., Rawcliffe, Elizabeth, Hunter, Jane, Bryning, Frances, Rogerson, Winifred N.

SECOND CLASS : Nelson, Sarah E., Burrows, Wm., Sharples, Fred. W., Duckworth, Joseph, Henry, Ethel G. M., Cummins, Alicia M., Halstead, Dora, Wood, Isabel B., Kirby, Alice, Barker, Jno. W., Newsham, Wm. P., Burton, Wm. E. B., Weinich, Ferdinand, Chapman, Emma, Lees, Monimia.

DRAWING FROM LIFE.

SECOND CLASS : Revel, John D.

ARCHITECTURE.

FIRST CLASS : Bertwistle, Jno. A., Rigby, Sidney E. Burdess, Lionel L., Lillie, Alfred C. M.

SECOND CLASS : Burton, Wm. E. B., Morgan, W. J.

DRAWING COMMON OBJECTS FROM MEMORY.

SECOND CLASS : Burton, Wm. E. B., Hay, Wm. R.

DESIGN.

STAGE I.

FIRST CLASS : †Nelson, Sarah E.

SECOND CLASS : Easterby, Margaret, Nelson, Margaret, Brewster, Isabel, Halstead, Dora, Brooke, Leonard Hay, Wm. R., Burton, Alban, Burton, Wm. E. B., Weinich, Ferdinand, Burrows, Wm., Marland, Jas. W.

STAGE II.

SECOND CLASS : Wheildon, Margaret.

HONOURS.

SECOND CLASS : Revel, John D.

PERSPECTIVE.

SECOND CLASS : Easterby, Margt., Hunter, Jane, O'Grady, James, Simm, Wm., Platts, Reuben, Weinich, Ferdinand, Beckett, Alfred C., Haydock, Josephine M.

PAINTING FROM STILL LIFE.

FIRST CLASS : Whieldon, Margt., Simm, Wm., *Wilcocks, Hy. C.

SECOND CLASS : Marshall, Annie L., Nelson, Margt., Wiseman, Edith M.

DRAWING FROM THE ANTIQUE.

FIRST CLASS : Burton, W. E. B.

SECOND CLASS : Haydock, Josephine M., Whieldon, Margt., Simm, Wm., Hay, Wm. R.

PAINTING ORNAMENT.

FIRST CLASS : Simm, Wm., Haydock, Josehpine M.

SECOND CLASS : Wilcocks, Hy. C., Burton, Wm. E. B., Whieldon, Margaret.

ANATOMY.

First Class : Burton, Wm. E. B.
Second Class : Simm, Wm.

MEMORY DRAWING OF PLANT FORM.

Second Class : Easterby, Margt., Whieldon, Margt., Burton, Wm. E. B., Brewster, Isabel, Weinich, Ferdinand, Haydock, Josephine, M.

MODELLING DESIGN.

STAGE II.

First Class : Simm, Wm.
Second Class : Burton, Wm. E. B.

DRAWING ANTIQUE FROM MEMORY.

First Class : Burton, Wm. E. B.
Second Class : Simm, William.

Result of Examination of Works submitted in 1905 for the Art Class Teachers Certificate and Art Masters Certificate.

Burton, Wm. E. B.	1c	Group I.
,, ,,	14-22	A. C. T.
,, ,,	8c2	Group III.
Haydock Josephine	1c	Group I.
,, ,,	8b2	Group 1.
,, ,,	14-22	A. C. T.
,, ,,	23e	Group I.
Hay, William R.	22c	Group I.
Rogerson, Winifred M.	5b	A. C. T.
Simm, William	8c2	Group III.
,, ,,	8b2	Group I.
,, ,,	14-22	A. C. T.
Whieldon, Margaret	23c	Group I.
,, ,,	22e	Group I.
,, ,,	23a	Group I.
Wrigley, Frank	1c	Group I.
Weinich, Ferdinand	5b	A. C. T.
Wilcocks, Henry	5b	A. C. T.

SPECIAL ART PRIZES.

Shaded Drawing from Group of Models, 1st, Winifred Rogerson, 2nd, Ferdinand Weinich ; *Shaded Drawing from the Cast*, 1st, Harry Wilcocks, 2nd, Winifred Rogerson ; *Shaded Drawing from Antique*, 1st, Wm. Simm ; *Shaded Drawing from Life*, 1st, W. E. B. Burton ; *Details of Figure*, 1st, Wm. Simm ; *Set of Designs*, 1st, Wm. Simm, 2nd, Josephine Haydock ; *Architectural Measurement Drawing*, 1st, Margaret Wieldon ; *Modelling*, 1st, Wm. Simm, 2nd, Josephine Haydock, Extra Prize, W. E. B. Burton ; *Sheet of Roman Letters*, Equal—Margaret Whieldon, Wm. R. Hay ; *Sheet of Perspective Problems*, 1st, W. E. B. Burton, 2nd, Josephine Haydock. SPECIAL PRIZE for *Carved Casket*, Leonard Brooke. *Set of Outline Drawings*, 1st, Kate French, 2nd, E. Rawcliffe. *Set of Light and Shade Drawings*, Ethelwyn Jump. *Set of Drawings from Models*, Wm. G. Billington.

Union of Lancashire and Cheshire Institutes.

Examination Results, 1905.

All Students obtaining 1st Class Awarded Scholarship and Prize.

ARITHMETIC.

ELEMENTARY GRADE.

FIRST CLASS : Petty, Mary Edith, (1st of 1st), Dearden, W. H., Eastham, James, Garstang, Rd., Garth, Albert, Goring, John (London Road), Green, Jno. Hy., (Leyland), Guest, Thomas, (Spencer St.), Hindson, Herbert, Hird, Geo. B., Hulme Rd., Lancaster, Robert, Mercer, Francis, Sandham, Frank, Walmsley, Geo., Williams, Alfred Sefton, Worrell, Frank, Garnett, Jenny, Jolly, Hilda, Latus, Annie, Townend, Annie, Wilkinson, Robert, Nowell Frances, Banister, Alfred.

PASS : Addison, John H., Ainsworth, John, Bandford, Geo., Dewhurst, J., Goring, John, (Fletcher Rd.), Hardman, John, Ellinthorpe, Arthur, Littlefair, Edmund F., Mayor, Jas., Poole, John, Potter, Chas. A., Whittingham, John R., Parkinson, Agnes, Pilkington, Elsie May, Todd, Wm., Whalley, Frank.

ARITHMETIC.

JUNIOR COMMERCIAL.

FIRST CLASS : Ainsworth, Ernest, Baines, James S., Blackhurst, Herbert, Clitheroe, Thomas, Cocker, Albert, Dobson, Thos. M., Guest, Thomas, (Moor Hall St.), McGraw, James, Smith, John Fred., Ward, Frank, Webb, Geo., (1st of 1st), Wright, Matthew W.

SECOND CLASS : Dimmock, James, Goodman, Joseph, Huntington, Alf. C., Booth, John, Livingstone, Ernest, Monk, Wm., Newsham, Peter, Rowland, James, Sowerbutts, Sydney, Wignall, Robert.

PASS : Ainsworth, Thomas C., Barton, Wm., Brown, Herbert A., Brown, Thomas, Garstang, J., Heys, John, Iredale, Sidney Johnson, Harry, Pickles, Arthur, Slater, Henry, Yates, Lily, Usher, Herbert, Webster, Wm.

ARITHMETIC.

SENIOR COMMERCIAL.

FIRST CLASS : Pilkington, John Arthur.

SECOND CLASS : Harrison, David, Wilkinson, John, Townley, Peter, Smallay, Jos.

PASS : Rattle, Alfred C.

MENSURATION.

FIRST CLASS : Dist. Sumner, John R., (No. 9), Wright, Chas. A., (No. 14), Lancaster, H. H., (No. 20).

FIRST CLASS : Brady, John, Cameron, John S., Cowell, Rd. Dobson, Thomas H., Hampson, Ernest, Howarth, Thos. (Brixton Rd.), Heaton, James, Livesey, Thos., Marland, Thos. R., Moss, Frank, Muncaster, Robt. H., Pope, Alan, Potter, Wm. R., Rigby, Thos., Shaw, Albert, Southworth, James, Stazicker, Edmund, Stazicker, Matthew, Sumner, Jno., Swarbrick, Jno. T., Taylor, Fred., Taylor, Thomas, Wareing, Wm. Geo., Whalley, John, Wheeler, Fred., Whitehead, J. Joseph.

SECOND CLASS : Abbott, Philip, Bailey, Rd. T., Barlow, Robt G., Barnes, Oswald, Barrett, Albert E., Battle, Wm., Berry, Wm., Best, Jno. J., Billington, Samuel, Brown, Herbert F., Charnley, Geo. H., Coupe, Wm., Corbishley, Jno. Jas., Dandy, Charles, Dickinson, Geo., Dodd, Wm., Duckworth, Hy., Duckworth, Rd., B., Elliott, Thos., Fiddler, Thomas, Fielding, Jos., Foster, Fred., Gardner, Geo. F., Garrett, John, Gillgrass, John, Hale, John T., Harrison, Chas. E., Holmes, Arthur, Holt, Wm., Chas. Hull, John, Innerdale, John, Jackson, John, Lee, Ernest R., Martin, Ernest, Melling, Thos., Ogden, William, Parkinson, Thos. T., Partington, Jos., Pickering, Arthur, Pilkington, Herbert A., Renwick, Jos. A., Rogers, Rd., Sanderson, Robt., Shakeshaft, Fred., Singleton, Ed. C., Smethurst, Jas. A., Stirzacker, Hy., Sumner, Thos., Taylor, Thos. S., Thompson, Wm. C., Unsworth, Wm., Vernon, Chas. N., Wardley, Thos., Westhead, Jas. H., Worden, Wm.

PASS : Ayres, Geo. H., Bleasdale, Wm., Boocock, James, Booth, Hugh, Booth, John, Herbert, Breakell, James, Carter, Robt., Cartmell, John M., Coupe, Roger, Eastham, Bertie H., Forshaw, Thos., Foster, James, Foster Robt. A., Howarth, Thos. (Lovat Rd.), Hayes, Albert, Walton, Seth, Whitehead, Percy, Whittaker, Arthur, Wilding, E. S., Hind, Reg. S., Hodson, John, Kerr, Wm. F. Knowles, Jas., Law, Jas., Lucas, Percy, Mellor, Wm., Oddie, John, Parkinson, Jno. M., Rae, J. H., Robinson, John, Schofield, Newton, Seed, Wm., Trafford, Fred., Wood, Fred. F., Worden, Arthur W.

ALGEBRA.

FIRST CLASS : Baines, Nellie, Arrowsmith, Robt., Lynch, John, Taylor, H. Jas., Threlfall, Andrew, Tomlinson, Hubert, Townley, Robert, Collins, Estyn St. Clair.

SECOND CLASS :	Arnall, Arthur R., Hamer, Ernest, Martin, Joseph C., Rice, David H., Whittle, Wm., Wilkinson, Ed.
PASS :	Anderton, Wm., Barnes, Thos., Brindle, Daniel, Carter, Roger, Craven, Leo., Quick, Ignatius, Rigby, Jno., Thompson, Sydney E., Threlfall, Thos. M., Ward, Frank, Richards, Jessie.

COMMERCIAL CORRESPONDENCE.

FIRST CLASS :	Bolongaro, Jas. D., Dearden, Wilfrid, H., Dimmock, James, Gardner, Francis, Wareing, Rd., Beardsworth, Jane,
SECOND CLASS :	Brown, Frank, Potts, Rd. K., Sandham, F., Tomlinson, Hubert, Harrison, Rd.
PASS :	Croasdale, Thos, Hy.. Edmondson, John E., Klein, Reg. G., Mather, Percy, Mayor, Jas., Roberts, Robert, Robinson, Lawrence S., Whittle, Ed., Wilkinson, Robert.

TYPEWRITING.

FIRST CLASS :	Jump, Harold, Kisby, Reg. S.
SECOND CLASS :	Barnes, James, Croasdale, Thos. Hy., Roberts, Robert, Whittle, Herbert, Beardsell, Margt. E., Pollard, Hilda, Smith, Violet, Ward, Catherine M.
PASS :	Fleming, Fred. Chas.

MACHINE CALCULATIONS.

FIRST CLASS : (Distinction).	Booth, Wm., (Dist.) 5, Wright, Chas. A. (Dist.) 1.

FIRST CLASS : Barrett, Albert Ed., Beardsworth, Jas. B., (3rd position) Brookhouse, Frank P., Charnley, Geo. H., Clough, Wm., Coupe Roger, Cox, Wm., Rayton, John, Sanderson, Robt., Southworth, James, Sumner, John, Whalley, Benj., Worden, Wm., Ayres, Geo. H., Seed, Wm., Shakeshaft, Fred., Prideaux, W. H. C.

SECOND CLASS : Berry, Wm., Brown, Jas. F., Dickinson, Geo. Eastham, Bertie H., Eastham, Ernest, Hughes, Thos. F., Hull, John, Kelsey, John, Moss, Frank, Pope, Allan, Rae, Jno. H., Renwick, J. A., Sumner, John R., Alty, Hy., Wardley, Thos., Wareing, Wm. Geo.

PASS : Best, Jno. J., Busby, Joel C., Duckworth Thos., Holmes, Arthur W., Mangan, Wilfred, Norris, Jno. L., Price, Alfred J., Rae, John, Rigby, William, Solloway, Ernest, Walton, Seth, Yates, Simon.

BOOKKEEPING.

ELEMENTARY.

FIRST CLASS : Bleasdale, Harry, Cassidy, Wm., Chaloner, Albert Ed., Melling, Thos., Robinson, Herbert, Rose Baron, Seed, Bertie, Shorrock, Albert, Sowerbutts, Thos., Sowrey, Jas., K., Taylor, Hy., Jas., Timperley, Percy C., Baines, Helena, Bramley, Ethel Mary.

SECOND CLASS : Boocock, James, Boonham, Samuel, Brown, Herbert A., Carter, Roger, Charnley, Thos., Coward, Wm., Dalzell, Rd. C., Donaldson, Thos., Gardner, Francis J. Gill, Wm., Grime, Philip, Holden, John, Jones, Albert Hy., Kelsall, Joseph, Martin, Fred., Pilkington, Hubert, Pinless, Frank, Seddon, Wm., Smith, Jno. F., Taylor, Wm., Yates, Rd., Ainsworth, Mary, Morgan, Henrietta, Marsden, Fred.

PASS : Ainsworth, Wm. J., Allbrighton, Jas. Hy., Ashcroft, John F., Barton, Wm.,Beesley, Jas., Bond, Robert M., Cookson, Herbert, Croasdale, Thos. H., Davies, Benj. W., Edmondson, Jno. E., Flynn, Hy. G., Gainer, Fred., Gill, Thos. E., Goodman, David, Green, Arthur, Hamer, Ernest, Hardman, John, Heane, Alan, Heatley, Mark, Helme, Harry, Hird, Benj., G. Jackson, James,Jolly Jno. W., Kay, Thos., Mapp, Ivor E., Masheter, Geo., Parkinson, Harold, Pomfret, Walter, Rhodes, John, Seed, Albert E., Roberts, Robert, Slater, Hy., Snelham, Arthur, Taylor, Geo. Hy., Thornly, Rd., Todd, Wm., Whittle, Hy., Whittle, Thos. A., Wignall, Robert, Holland, Mary E., Porter, Cissy, Saul, Frank, Vernon, Annie G.

INTERMEDIATE.

FIRST CLASS : Cocker, Albert Ed., Hall, Wm. Hy., Hesketh, Thos. Ed., Heywood, Reg., Holding, Samuel, Swarbrick, Henry, Townley, Robt., Winwood, Wm.,

SECOND CLASS : Bedwell, Wm., Jas. Brown, Geo., Brandwood, Ed., Chitson, Geo. C., Gardner, James Gardner, Leonard C., Goodman, Jos., Harkness, John, Hayes, Joseph, Hopkinson, Samuel, Postlethwaite, Rd., Robinson, Hy., Seed, G. W., Smith, Roger, Threlfall, Thos. M., Taylor, Jno., Wareing, Geo., Whiteside, James T., Ainsworth, Martha, Beardsworth, Jane, Burnett, Mary H., Strickland, Hy., Tubman, Joseph, Sharples, Edith M.

PASS : Eastham, Fred., Gregson, Ignatius A., Hague, Albert E., Harrison, Rd., Harwood, William, Lawton, Arthur, Maddigan, Sidney Slater, James, Wareing, John, Waterworth, Ed., Whittle, Ed., Whittle, John, Wilding, Jno. J., Walmsley, Eliza E.

ADVANCED.

FIRST CLASS : Cumming, Wm. H., Ferris, Rd., Elliott, Hartley, Wm., Smalley, Jos., Smith, Jos. Hy., Whitehead, Arthur.

SECOND CLASS : Adkins, Francis, Bradshaw, Tom, Crabtree, Samuel, Goring, Fred., Helme, Arthur, Dimmock, Walter, Holmes, Thos., Jackson Geo. B., Mowbray, Sydney O., Nelson, Harold, Prescott, Alfred, Rawcliffe, Fred. A., Sisson, Edwin, Southworth, Thomas, Whittaker, Percy, Wilcock, Jno. Ed., Willmoth, Hy. B., Wilson, Harold C., Yates, Rufus.

PASS : Bateman, Christopher, Carling, Thomas.

FRENCH.

ELEMENTARY.

FIRST CLASS : Dean, Alfred, Lynch, Jno., Smethurst, Rd., Gore, Eliza, Hill, Lillian, Sanderson, Florence, Sanderson, Susannah.

SECOND CLASS : Bedwell, Wm. J., Dobson, Rd., Lowe, Hugh S., Nelson, Wm., Porter, H., Souden, Fred. H., Threlfall, Andrew, Breakell, Florence, Critchley, Ellen, Dawson, Mary, Eastham, Lillian, H., Fazackerley, Sarah, Fraser, Sarah, A., Gabbott, Ann, Garth, Margt., Gillings, Violet, Houghton, Clara, Iddon, Alice, Mc.Ilwaine, Margt., Pomfret, Annie, Roocroft, Ada, Ryding, Amy, Seed, Amelia, Yates, Florence.

PASS : Wilson, Constance M., Ainsworth, Ernest, Rigby, Ed. C., Roberts, Alfred R., Tomlinson Hubert, Wilkinson, Thos., Dawson, Margt., Hargreaves, Mary E., Jones, Kate, Malley, Mabel, Robinson, E. E., Simms, Sharon A., Sweeney, Catherine, Turner, Bertha.

INTERMEDIATE.

FIRST CLASS : Parker, Bertie, (1st of 1st), Worsley, Geo., Gorman, R. B.

SECOND CLASS: Craven, Rd. A., Crosby, Berkley C., Hall, Thos. N., Hartley, John, Holden, Thos., Houseman, Jas. Bruce, Mayor, Fred., Wilson, Sidney, J., Adams, Ella R., Cummins, Alicia M., Knowling, H. W.

PASS: Dobson, Thos. M., Hughes, Horace, F., Jolly, Herbert, Mc.Donald, Jno. H., Snelham, Rd., Taylor, Chas. B., Bibby, Nellie, Blacklidge. Olive, Fletcher, Edith.

LITERARY ADVANCED GRADE.

FIRST CLASS: Johnson, Thos. C.

SECOND CLASS: Cartmell, Ed., Winchester, John.

PASS: Lees, Monimia, Smith, Ethel, Stirrup, Rd.

COMMERCIAL.

SECOND CLASS: Wilkinson, Elizabeth Ellen.

ENGLISH.

ELEMENTARY.

FIRST CLASS: Dobson, Rd., Duerdon, Harry, Fletcher, Thos., Hughes, Hubert W., Lynch, Jno., Thackwray, Harold L., Threlfall, Andrew, Wilkinson, Edward, Wilkinson, Thos., Jolly, Hilda, Robinson, Bertha, Mashiter, Wm. H.

PASS: Bamford, Robert, Dobson, Thos. M., Ferris, Rd. Ed., Hayes, Frank, Monks, Jas., Whitehead, Arthur, Eccleston, Rose Ella, Petty, Mary E., Riches, Fanny.

LITERARY GRADE.

FIRST CLASS: Forrest, Albert E.,

SECOND CLASS: Brindle, Jno. W., Craven, Rd. A., Westall, Geo., Roll, Winifred M.,

PASS: Cumming, Wm. Hy., Caton, Edith, Yates, Lily.

Harris Institute, Preston. Abstract of Class Registers. 1904-1905

NAME OF CLASS.	OCTOBER		NOVEMB'R		DECEMB'R		JANUARY		FEBR'Y		MARCH		APRIL		Number who sat for Examination.	Number Passed.
	No. on Reg.	Av'r'ge attend-ance.	No. on Reg.	Av'r'ge attend-ance.	No. on Reg.	Av'r'ge attend-ance.	No. on Reg.	Av'r'ge attend-ance.	No. on Reg.	Av'r'ge attend-ance.	No. on Reg.	Av'r'ge attend-ance.	No. on Reg	Av'r'ge attend ance.		
SCIENCE.																
Applied Mechanics, Stage I.	77	66	78	57	78	54	78	46	78	48	78	49	78	50	55a 8e day	18a 8e day
,, ,, II.	25	22	25	21	25	21	25	15	25	14	25	16	25	16		
,, (Practical)	25	24	25	21	25	19	25	17	25	17	25	16	25	16		
Botany, Stage I.	12	12	12	10	12	10	12	10	12	10	12	10	12	10	6a	1a
Do. (Practical)	8	8	8	8	8	7	8	7	8	7	8	7	8	7		
Building Construction, Stage I.	70	68	70	64	70	64	71	62	71	60	71	60	71	59	90a	70a
Do. do. II.	35	32	36	32	36	26	36	27	36	27	36	26	36	26		
Do. do. III.	15	14	15	12	15	13	15	12	15	13	15	13	15	12		
Chemistry (Theory), Inorganic, Stage I.	24	22	24	20	24	20	24	21	24	19	24	18	24	18	58a	51a includes P T's
Do. do. II.	10	10	10	9	10	9	10	9	10	9	10	8	10	8		
Do. Organic, do. I.	7	6	7	6	7	6	7	6	7	6	7	5	7	5	5a	3a
Do. Cookery Students	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15a	14a
Do. Practical, Stage I	24	24	24	23	24	23	24	22	24	21	24	20	24	20	18a	9a
Do. do. do. II.	9	9	9	9	9	8	9	8	9	8	9	8	9	8	10a	6a
Do. do. do. III.	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
Human Physiology, Stage I.	5	5	5	5	5	5	5	5	5	5	5	5	5	5	8a	5a
Do. (Practical), Stage II.	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
Hygiene, Stage I.	58	58	63	60	63	60	63	59	63	59	63	56	63	56	39a	36a
Do. do. II.	7	7	7	7	7	6	7	6	7	6	7	6	7	6		
Do. (Cookery Students), Stage I.	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
Machine Construction, Stage I.	129	123	130	114	132	112	132	102	132	101	132	90	132	96	30d	24d Mec Eng
Do. ,, II.	26	21	27	20	27	20	27	15	27	18	27	17	27	16	71a	45a
Do. ,, III.	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
Mathematics, Stage I. & II.	48	47	49	45	49	45	49	44	49	43	49	43	49	40	53a	34a
Do. (Preliminary)	23	23	24	22	24	20	24	19	24	19	24	17	24	16	36c	25c
Do. (Practical) Stage I.	60	60	63	60	63	58	63	57	63	56	63	54	63	51	48a 19e day	39a 15e
Practical, Plane & Solid Geometry, Stage I.	76	73	76	70	76	65	76	57	76	56	76	57	76	55	48a	24a
Do. Do. do. II	6	6	6	5	6	4	6	5	6	5	6	5	6	5		
Geology, Stage I.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1a	1a
Sound, Light, and Heat	20	20	21	18	21	17	21	18	21	17	21	16	21	16	13a	8a
Heat	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
Sound, Light, and Heat (Practical)	22	20	22	19	22	20	22	19	22	20	22	20	22	19		
Biology	*30*	*30*	*31*	*28*	*31*	*28*	*31*	*28*	*31*	*29*	*31*	*28*	*31*	*38*		
Steam and Steam Engine, Stage I.	*40*	*35*	*46*	*35*	*46*	*34*	*46*	*30*	*46*	*31*	*46*	*32*	*46*	*31*	44a 10e day	40a 9e day
Do. Do. do. II.	*19*	*18*	*20*	*16*	*20*	*16*	*20*	*12*	*20*	*13*	*20*	*14*	*20*	*14*		
Do. Do. Honours	*3*	*2*	*3*	*3*	*3*	*2*	*3*	*2*	*3*	*2*	*3*	*2*	*3*	*2*		
Do. Do. (Practical)	*22*	*20*	*22*	*18*	*22*	*18*	*23*	*13*	*23*	*14*	*23*	*15*	*23*	*14*		
Theoretical Mechanics (Evening Classes)	*15*	*14*	*15*	*14*	*15*	*9*	*15*	*5*	*15*	*4*	*15*	*4*	*15*	*4*	7a	7a
Do. (Day Classes)	*23*	*22*	*23*	*23*	*23*	*22*	*23*	*22*	*23*	*22*	*23*	*22*	*23*	*22*		
Continuation Classes (Boys and Girls)	140	138	140	135	140	130	140	124	140	118	140	112	140	112	80e	72e
Magnetism and Electricity, Stage I	62	54	62	50	62	45	62	42	62	40	62	40	62	36	43a	33a
Do. do. II.	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
Do. (Practical)	68	60	68	60	68	58	68	57	68	50	68	48	68	46		
Physiography	28	26	28	24	25	28	28	24	28	22	28	21	28	23	27a	18a
Do. (P. T's.)	239	236	239	235	239	236	239	237	239	236	239	235	239	235		
ART.																
Day Classes	18	16	19	16	20	15	21	16	21	16	22	15	22	19		
Evening Classes	142	135	145	130	149	132	155	131	155	130	155	129	155	127		
Modelling Classes	14	12	14	12	14	12	14	12	14	12	14	12	14	12		
Design (Technical)	12	12	12	10	12	9	12	9	12	9	12	9	12	9	313a	211a
Blackboard Drawing	35	34	35	33	35	33	36	33	36	33	36	33	36	33		
Continuation Class	50	48	52	46	52	45	52	44	52	44	52	44	52	44	40e	37e
Pupil Teachers (Day)	239	237	239	236	239	236	239	235	239	236	239	236	239	235		
TECHNICAL.															13d	4d B'work
Brickwork and Masonry	13	12	13	12	13	13	13	13	13	12	13	12	13	12	12d	9d Masonry
Carpentry and Joinery	67	66	67	62	67	60	67	59	67	60	67	59	67	53	37d	14d
Cotton Spinning, Stage I. and II.	61	55	61	51	61	50	62	41	62	40	62	40	62	38	66d	41d
Do. Honours	13	12	13	11	13	10	13	10	13	9	13	9	13	9		
Do. Practical	74	68	73	57	73	57	73	49	73	50	73	48	73	47		
Cotton Weaving, Stage I and II.	87	81	88	73	88	69	89	73	89	70	89	69	89	70	74d	53d
Do. Honours	14	13	14	12	14	12	14	10	14	10	14	10	14	10		
Do. Practical	76	72	76	70	76	69	76	66	76	64	76	63	76	60		
Electric Light and Power	65	63	67	45	67	45	68	48	68	46	68	42	68	40	51d	37d
Electric Calculations	52	50	52	40	52	38	52	30	52	30	52	29	52	26	41e	38e
Plumbers Work Stage I. and II. and Honours	69	67	69	66	69	64	69	60	69	60	69	59	69	59	32d	28d
Wood Carving	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
Workshop Arithmetic	132	130	132	111	132	111	132	108	132	104	132	101	132	96	226c	166c (in E S)
Science (Elementary)	69	63	*71*	*60*	*71*	61	71	60	71	*58*	71	60	*75*	50	31c	30c
Woodwork (Boys)	*250*	*245*	*250*	*245*	*250*	*242*	*240*	*235*	*240*	*234*	*240*	*235*	*240*	*232*	4c	4c
Draughtsmanship	*38*	*35*	*38*	*34*	*38*	*34*	*40*	*31*	*40*	*31*	*40*	*30*	*40*	*28*	63c	50c (in T S)
DOMESTIC SCIENCE.																
Continuation	*480*	*470*	*483*	*469*	*485*	*460*	*485*	*440*	*485*	*435*	*485*	*420*	*485*	*410*	*34c*	*30c Cookery*
Teachers Training	*39*	*39*	*39*	*39*	*39*	*39*	*39*	*39*	*39*	*39*	*39*	*39*	*39*	*39*	*45e*	*42e Amb'l'ce*
Children from Elementary Schools	*600*	*590*	*600*	*590*	*600*	*580*	*600*	*580*	*600*	*585*	*600*	*590*	*600*	*585*		*9 } Millin'y*
Technical Class	*95*	*90*	*97*	*90*	*97*	*87*	*97*	*85*	*97*	*82*	*97*	*80*	*97*	*80*	*29c*	*20 } D'm'ing*
SCHOOL OF AGRICULTURE.																
Agriculture	64	64	64	64	64	63	64	63	64	63	64	63	64	63	44a 62c	39a 55e
Agricultural Chemistry	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
Organic Chemistry	16	16	16	16	16	16	16	15	16	15	16	15	16	15		
Book keeping	64	64	64	64	64	63	64	63	64	63	64	63	64	63	20a Geo.	17 Geo.
Botany, Biology, and Geology	64	64	64	64	64	63	64	63	64	63	64	63	64	63	20a Bot.	11a Bot.
Chemistry, Theory	64	64	64	64	64	63	64	63	64	64	64	63	64	63	35a	28a
Do. Practical	39	39	39	39	39	39	39	38	39	38	39	38	39	38	21a	10a
Engineering	25	25	25	25	25	24	25	24	25	24	25	23	25	23		
Veterinary Science	25	25	25	25	25	24	25	24	25	24	25	24	25	24		
Drawing	48	48	48	48	48	48	48	47	48	47	48	46	48	46		
English and Arithmetic	48	48	48	48	48	48	48	47	48	47	48	47	48	47		
Physics	25	25	25	25	25	24	25	25	25	25	25	25	25	25		
Algebra and Euclid	40	40	40	40	40	39	40	39	40	39	40	38	40	38		
Surveying	14	14	14	14	14	14	14	14	14	14	14	14	14	14		
Electrical Calculations	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
MISCELLANEOUS.																
Rudiments of Music	29	28	30	25	30	25	30	25	30	26	30	25	30	25	38c	36c
Harmony	19	18	19	18	19	17	19	17	19	17	19	16	19	16		
Vocal Music	43	37	43	31	43	30	44	26	44	25	44	24	44	24	23e	14e
Geography	22	20	22	19	22	19	22	17	22	18	22	17	22	17		
French (Elementary)	27	25	29	24	30	24	33	22	33	21	33	22	33	21	80c	76c in P T's
Do. (Advanced)	34	32	34	30	*35*	30	39	30	39	29	39	28	39	27		
Shorthand (Elementary)	109	100	109	95	109	95	109	90	109	88	109	89	109	86	8b 85e	4b 81e
Do. (Advanced)	191	178	192	166	192	165	192	140	192	143	192	145	192	140	147c	89c
English (Elementary)	60	*57*	63	*56*	*65*	*54*	*65*	*53*	*65*	*50*	*65*	49	*65*	*51*	50c	30c
Do. (Advanced)	17	16	18	16	19	16	20	17	20	16	20	16	20	16		
Do. (Certificate)	22	20	22	18	22	18	22	17	22	18	22	17	22	16		
Arithmetic (Elementary)	*54*	*51*	*54*	*49*	*54*	*47*	*54*	*46*	*54*	*46*	*54*	*45*	*54*	*44*	89c	82c
Do. (Advanced)	83	74	83	*65*	83	66	83	*65*	83	*65*	83	64	83	64		
Book-keeping (Elementary)	97	94	97	83	97	84	97	80	97	79	97	80	97	81	74b	46b
Do. (Advanced)	132	129	133	110	133	107	133	109	133	106	133	107	133	106	157c	154c
Typewriting	27	26	29	28	30	29	31	30	31	30	31	29	31	28	14c 25e	11c 20e
Commercial Correspondence	38	36	38	32	38	30	38	30	38	27	38	27	38	25	26c	20c
German	14	14	14	12	14	12	14	10	14	9	14	9	14	9	8c	8c
Latin	7	7	8	6	8	6	8	5	8	5	8	5	8	5	3c 3e	1c 3e
Certificate Class	22	20	23	22	23	22	23	22	23	21	23	21	23	21		
P.T. Central Classes	239	236	239	235	239	235	239	234	239	236	239	235	239	236	235e	222e
DAY CLASSES.																
Chemistry (includes Engineering)	32	31	34	32	34	33	34	32	34	31	34	32	34	32		
Commercial	12	11	12	12	12	12	12	11	12	12	12	11	12	11		
Engineering	21	21	21	21	21	21	21	20	21	20	21	20	21	20		
Matriculation Course	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
	6371	6043	6422	5809	6427	5713	6435	5585	6435	5574	6435	5500	6435	5329	3220	2494

Individual Students, 3,855. a Board of Education. b Society of Arts. c Lancashire and Cheshire. d City and Guilds. e Local.

GENERAL SCIENCE.

FIRST CLASS : Bailey, Rd. T., Boocock, James, Boonham, Samuel, Fiddler,Thomas, Finch, Fred., Hall, John T., Holt, Wm. Charles, Oddie, John, Rogers, Rd., Taylor, Thos. S., Whalley, John.

SECOND CLASS : Abbott, Philip, Booth, Hugh, Dodd, Wm., Downham, Ernest, Forshaw, Thos., Haworth, Thomas, Innerdale, John, Jackson, Thos., Ogden, William, Rigby, Thos., Schultz, Jno. J., Whitehead, Percy, Westhead, Jas. H.

PASS : Goring, John, Martin, Ernest, Partington, Joseph, Potter, Wm. R., Whalley, Thos. P.

PRACTICAL DRAWING.

FIRST CLASS : Cocking, Frank, Dandy, Charles, Dobson, Thos. M., Holmes, Arthur, Hyde, Norman B., Kelsey, Jno., Metcalf, Francis, Vichoff, Noel, C. N., Taylor, Thos. S., Robinson, Joseph

SECOND CLASS : Bailey, Rd. T., Boonham, Samuel, Booth. Hugh, Buck, Nathan, Curwen, Claude, Fiddler, Thos., Howarth, Thos., Holt, Wm, Charles, Mellor, John, Mellor, Wm., Porter, Fred., Rae, Wm., Sutcliffe, Harry, Whalley, Jno., Whitehead, Percy, Whitehead, Thos., Whittaker, Fred., Brentall, Aniniye S.

PASS : Abbott, Philip, Boocock, James, Dodd, Wm. Downham, Ernest, Dunderdale, Wm., Finch Fred., Forshaw, Thos., Hale, Jno. T., Hampson, Ernest, Martin, Ernest, Ogden, Wm., Partington, Joseph, Penswick, Jos., Potter, Wm. R., Rigby, Thos., Rogers, R., Schultz, Jno. J., Thompson, Wm., Westhead, Jas. H., Whalley, Thos. P., Wright, Joseph, Oddie, John.

SHORTHAND.

THEORY.

PASS : Baines, Jas. S., Bolangaro, James, D., Bond, Robert M., Brandwood, Ed., Breakell, Hy. G., Brown, Herbert A., Coupe, Roger, Croasdale, Thos. H., Crookes, Wm., Cuerdon Albert, Dearden, Wilfred, H., Fielding, Joseph, Fleming, Fred. Chas., Haslam, Jas., Heatley, Thos., Ireland, Sidney, Jolly, Albert, Lucraft, Albert, Murray, John, Newsham, Wm., Nightingale, Alex., Roberts, Robert, Smith, Arthur W.,Taylor, Jno. Wm. Thompson, Thomas, Ward, Thos. Ed., Wells, Alfred, Whistlecroft, Chas., Whittle, Hy., Wilcock, Jno. E., Yates, Andrew P., Armstrong, Lillian, Beardsell, Edith, Cocking, Eleanor, V., Dewhurst, Elizabeth, F. Kilshaw, Jenny, McCourty, Monica, Patterson, Mabel Sharples, Edith M., Ward, Mildred C., Burnett, Mary H., Birch, Beatrice E.

SPEED.

120 Words : Bolton, James, Nightingale, Joseph, Pollard Hilda (Distinct 43).

100 Words : Ainsworth, Ernest, Cocker, Albert Ed., Parker, Geo., Sisson, Ed., Sowrey, Jas.

80 Words : Ainsworth, Wm. J., Brown, John, Mc.Cann, John, Meadowcroft, Ed., May, Ernest B., Maymon, Harold M., Noble, Ephraim, Pickering, Ed., Robinson, Herbert, (3rd Position), Beardsworth, Jane, Smith, Violet M., Rogerson, Clara.

60 Words : Billing, Arthur, Butterfield, Arthur, Davies, Albert Ed,. Garth, Albert, Gibson, Claude, Caton, Emiline, Gardner, Gertrude, Smith, Edith, Howarth, Robert F., Jackson, James, Jackson, Thos., Kay, John, Mc.Graw, Jas., Myerscough, Thos., Robinson, Geo., Robinson, Hy., Roe, Wm. Mears, Thompson, Ernest, Topping, John, Whittle, Thos. A., Wilkinson, William Hy., Wilkinson, Edwin, Winn, Fred., Birch, Beatrice E., Seddon, Wm., Tubman, Joseph, Turner, Thos., Turner, Walter.

THEORY OF MUSIC.

ELEMENTARY.

FIRST CLASS : Banks, Wm., Hodson, Jos., Kay, John, Knowles, Herbert, Marsh, Herbert, Martin, Robt. H., Moon, Robt. T., Newsham, Wm., Clarkson, Lily, Duross, Lily M., Eastham, Lilyan H., Foster, Annie, Hartley, Emily, Hubberstey, Theresa, Pearson, Nellie, Robinson, Bertha, Walls, Mabel O.

PASS : Turpin, Catherine, Webster, Winnie, Yates, Florence, Newsham, Jno. J., Ryding, Thos., Cornall, Samuel A.

INTERMEDIATE.

FIRST CLASS : Woodhouse, Rd., Lowe, Robt., Bradshaw, Lily (2nd Position).

SECOND CLASS : Heaps, Samuel, Knowles, Hy., Livesey, Ernest, N. Birch, Beatrice, Taylor, Gertrude, Whitehead, Maud.

PASS : Heaps, Geo., Pomfret, Peter E., Dixon, Abigail, Wilkinson, Mary A.

GERMAN.

INTERMEDIATE.

FIRST CLASS : Napthen, Samuel.

SECOND CLASS : Hodson, Wm., Klein, Bessie, Hughes, Hubert W.

PASS : Roe, Wm., Wilkinson, Elizabeth E.

ELEMENTARY.

SECOND CLASS : Eastwood, Wm., Seed, Thos.

LATIN.

SECOND CLASS : Worsley, Geo.

WOODWORK.

FIRST CLASS : Distinction — Sandham, Rd. (1st Position).

ND CLASS : — Winchester, John, Charnley, James, Markland, Jas.

DRESSCUTTING.

FIRST CLASS : — Mapp, Emily, Rigby, Margt. Ellen.

SECOND CLASS : — Beetham, Esther, Brown, Ellen, Brown, Isabella, Crombleholme, Sarah, Dewhurst, Edith, Jackson, Ann J., Knights, Millicent, Loftus, Beatrice, Lonsdale, Nellie, Milner, Margt. Jane, Moon, Annie V., Nichols, Constance, O'Neill, Angela, Preston, Edith, Roney, Edith, Thexton, Alice, Zillman, Florrie.

COOKERY (PRINCIPLES).

SECOND CLASS : — Billington, Margt., Bryning, Agnes, Harris, Mary J., Miller, Margt., Wareing, Martha, Wiggins, Ellen.

PASS : — Davidson, Ada, Dilworth, Clementina, Gaunt, Annie, Weedall, Florence, Wilding, Mary, Zillman, Florrie, Millican, Lousia.

COOKERY (PRACTICAL).

FIRST CLASS; — Billington, Margt., Cookson, Alice, Davidson Ada, Dilworth, Clem., Foster, Millicent, Helm. Lillie, Holden, Margt,, Miller, Margt., Millican, Lousia, Wareing, Martha, Weedall, Florence, Zillman, Florence,

SECOND CLASS: Bryning, Agnes, Cowell, Annie, Godbert, Annie, Harris, Mary J., Wilding, Mary.

MILLINERY.

FIRST CLASS: Blackhurst, Janet, Eteson, Mary, Hothersall, Ada, Hothersall, Gertrude, P., Lonsdale Margt., Schofield, Ada, Ward, Mary Ellen.

SECOND CLASS: Edwards, Sarah Ellen, Ward, Maggie.

TECHNICAL.

City and Guilds of London Institute.

* *Scholarship and Prize Awarded.*

COTTON SPINNING.

HONOURS SECTION A.

FIRST CLASS : *Charnley, Rd., *Pateson, Lawrence, C.

SECOND CLASS : Barton, Jno. W., Houghton, Rd., Robinson, Jas., Carpenter, Anthony.

HONOURS SECTION B.

FIRST CLASS : *Pateson, Lawrence C., *Charnley, Rd., *Carpenter, Anthony, *Barton, Jno. W.

SECOND CLASS : *Waring, John M., *Houghton, Rd., *Fox, John.

ORDINARY GRADE, 2nd Year.

FIRST CLASS : *Whalley, John, *Holden, David.

SECOND CLASS : Halliwell, Percy, Gill, John, Hoskinson, Arthur, Lendrum, John, Smith, Matthew, Atkinson, Rd., Howarth, Thos., Howarth, John, Bell, Geo., Jackson, John, Wareing, John, M., Jackson, Hy.

ORDINARY GRADE, 1st Year.

FIRST CLASS : *Bell, Geo., *Monk, Wm., *Holden, David, *Whitehead, Percy, *Crozier, Frank B., *Ireland, Fred.

SECOND CLASS : Whalley, John, Pennington, John, Atkinson, Rd., Emerson, John, Hoskinson, Arthur, Howarth, John, Chambers, James, Huntington, Alfred C., Howarth, Thos.

COTTON WEAVING.

HONOURS GRADE SECTION A.

SECOND CLASS : *Welsh, Joseph, Mason, Albert Ed.

HONOURS GRADE SECTION B.

FIRST CLASS : Dodd, William, *Norcross, William, *Johnson, Christopher, Britt, John J., *Hampson, Ernest, Welsh, Jos.

SECOND CLASS : *Wright, Thos., Mason, Albert Ed., *Richmond, Harry, *Woods, Harry.

ORDINARY GRADE, 2nd Year.

FIRST CLASS : *Marland, Thos. R., *Taylor, Fred., *Webster, James, *Garstang, Rd., *Coates, Ed., *Blinkhorn, Ed., *Pateson, Lawrence, C. *Ireland, Fred., *Knowles, James, *Kenyon Rd., *Rogers, Rd.

SECOND CLASS : Iddon, W. E., Schofield, Newton, Whalley, Thos. R., Blackburn, Robt., Johnson, Wm., Stazicker, Edmund, Worden, Wm., Westall, Walter.

ORDINARY GRADE, 1st, Year.

FISRT CLASS : *Bailey, Rd. T., *Holden, Wm. C., *Iddon, Wm. E., *Fiddler, Thos., *Booth, Hugh, *Blinkhorn, Ed., *Lendrum, John, *Taylor, Thos. S., *Mellor, John, *Oddie, John, *Stazicker, Edmund, *Pateson, Lawrence C., *Abbott, Philip.

SECOND CLASS : Martin, Ernest, Heald, Thos., Ogden, Wm., Hale, John T., Nightingale, Benj., Penswick, Robt., Jolly, Herbert, Webster, James, Finch, Fred.

MECHANICAL ENGINEERING.

PART I.

PASS : *Wright, Chas. A., *Whalley, Benj., *Eastham, Ernest, *Eastham, Bertie, *Seed, Wm. *Yates, Simon, *Renwick, Jos. A., *Cox, Wm. J., *Rigby, Wm., *Hughes, Thos. F., *Coupe, Roger,*Southworth, Jas., *Alty, Hy., *Beardsworth, Jas. B., *Walton, Seth, *Price, Alfred.

PART II.

FIRST CLASS : *Eastham, Bertie H., *Cox, Wm. J., *Southworth, Jas.

SECOND CLASS : Eastham, Ernest, Yates, Simon, Renwick, Jos. A., Alty, Henry.

HONOURS.

SECOND CLASS : Booth, William.

PLUMBERS WORK.

Preliminary Pass :*Pomfret, John, *Mowbray, Fred. J., *Clarkson, F. J., *Quick, Henry, *Gill, Rd., *Taylor. Henry, *Wilson, Harold, *Corbishley, Ralph, *Southworth, Ralph, *Hall, Jas., *Bilsborow, Arthur, *Marrett, Jas., *Sanderson, Thos.

ORDINARY GRADE.

FIRST CLASS : *Mason, Harold, *Thacker, Wm. F.

SECOND CLASS : Masheter, John, Miller, Hy., Hamer, Fred.

HONOURS.

SECOND CLASS : *Cross, Robt., Denley, Chas., *Pilkington, Jas. H., *Corbishley, Geo., *Southworth, Thos.

ORDINARY.

Practical : Nicholson, Baron.

PRINCIPLES OF PLUMBING.

ORDINARY.

PASS : *Wilson, Harold G., *Sanderson, Thos., *Mowbray, Fred. G., *Corbishley, Ralph.

CARPENTRY AND JOINERY.

ORDINARY GRADE.

FIRST CLASS : *Allen, Jno. J.

SECOND CLASS : Seed, Walter, Baron, Robt., Tassiker, Jos. E., Higginson, James, Pilkington, Ed., Parkinson, John M., Livesey, Thos., Tuson, Roger, Ogden, Dennison, Coward, Rd., Farnworth, Ed. J.

HONOURS GRADE.

FIRST CLASS : *Melling, Thomas.

SECOND CLASS : Hull, Hugh W.

BRICKWORK.

ORDINARY GRADE.

FIRST CLASS : *Muncaster, Robt. H.

SECOND CLASS : Marland, Colin, Jones, Geo., Duckett, Rd., Taylor, Wm.

HONOURS GRADE.

FIRST CLASS : *Lillie, Alfred C. M.

SECOND CLASS : Morgan, Wm. I., *Allen, Jno. J., Crossthwaite, Wm. G.

MASONRY.

ORDINARY GRADE.

FIRST CLASS : *Taylor, Wm.

SECOND CLASS : Muncaster, Robt. H.

HONOURS GRADE.

FIRST CLASS : *Lillie, Alfred C. M., Morgan, Wm. I.

ELECTRIC LIGHT AND POWER.

PRELIMINARY GRADE.

PASS : *Brown, Robt. C., *Jackson, Tom, *Hughes, Thos. F., *Duckworth, Thos., *Walton, Seth, *Shakeshaft, Fred., *Berry, Wm., *Hull, John, *Wilding, Ernest S., *Landolt, Fritz B., *Rae, John H., *Lancaster, Hodson H., *Smith, Ernest B., *Reid, Ernest A., *Wallis, Albert, *Dewhurst, Wm., *Foster, Fred., *Higgins, Wm., *Foster, John H., *Bradshaw, Granville E., *Row, Benison, *Norris, Melville Mackay, *Bamford, Herbert, *Holmes, Arthur W.

ORDINARY GRADE.

FIRST CLASS : *Prideaux, Wm. H., *Fletcher, Geo. H., *Kelman, Wm. H. M.

SECOND CLASS : Osborne, Wm. G., Bradshaw, Granville E., Coward, Arthur, Row, Benison J., Cripps, Rd. H., Bamford, Herbert, Simpson, Norman, Woods, Alfred, Norris, Norman R., Smith, Ernest B.

PUPIL TEACHERS' SCHOOL.

Prizes awarded to the following :

PREPARATORY CLASSES.

CLASS A.

FIRST PRIZE : Coulthurst, Maggie.

SECOND PRIZE : Clarke, Ethel.

FIRST CLASS : Evans, Emma, Cunliffe, Ida, Livesey, Emily Ellison, Maud, Patterson, Annie, Atkinson, Mabel, Hay, Bessie, Maymon, Mary, Tuson, Elizabeth, Massey, Ann, Hodson, D., Richardson, Ethel, Fallows, Caroline.

CLASS B.

FIRST PRIZE : Gabbot, Ann.

SECOND PRIZE : Archer, Margaret.

FIRST CLASS : Cookson, Edith, Mc.Graw, Margt., Richardson, Margt., Maymon, Clara, Fraser, Gladys, Crackston, Isabella, Jones, Annie, Studholme, Hilda, Sanderson, Elizabeth, Sowerbutts, Mary, Thompson, Madge, Brooks, May, Haselden, Ann, Foster, Beatrice, Greenwood, Isabel.

CLASS C.

FIRST PRIZE : Howard, Amy.

SECOND PRIZE : Sidgreaves, Nellie.

FIRST CLASS : Shaw, Beatrice.

FIRST YEAR PUPIL TEACHERS.

FIRST PRIZE : Wilson, Sidney J.

SECOND PRIZE : Mc.Phail, Maud.

FIRST CLASS : Cragg, Beatrice, Crozier, Hy. C., Wignall, Rd., Blacklidge, Olive, Livesey, Maud, Addison, Edith, Taylor, Chas., Livesey, Florence, Ianson, James, Bentley, Thos., Tomlinson, Hubert, Whittle, Maggie.

SECOND YEAR PUPIL TEACHERS.

FIRST PRIZE : Mc.Ilwaine, Margt.

SECOND PRIZE : Crosby, Berkley.

FIRST CLASS : Hall, Thos. N., Wilkinson, Thos., Iddon, Alice, Fraser, Sarah, Crossley, Nellie, Snelham, Dyson, Critchley, Ellen, Worsley, Geo., Seed, Millie.

THIRD YEAR PUPIL TEACHERS.

FIRST PRIZE : Houseman, Jas. B.

SECOND PRIZE : Fletcher, Edith.

FIRST CLASS : Smethurst, Rd., Holden, Thos., Sanderson, Florence, Sanderson, Susannah, Winchester, Jno., Hill, Lillian, Adams, Ella, Garth, Margt., Gore, Eliza.

First Class Kings Scholarship, Dec., 1904.

Awarded Prizes.

Hall, Hy. G., Buckley, Wm., Rayner, Benj. H., Forrest, Albert E.

SOCIETY OF ARTS EXAMINATIONS. RESULTS, 1905.

---

* *Scholarship and Prize Awarded.*

STAGE I.

BOOKKEEPING.

PASS : *Ainsworth, Mary, *Bleasdale, Harry,*Boo, cock, James, *Boonham, Samuel, *Bramley-Ethel Mary, *Cassidy, Wm., *Gardner, F. J., *Gill, Wm., *Martin, Fred., *Melling, Thos., *Seed, Bertie, *Sowerbutts, Thomas, *Timperley, Percy C.

STAGE II.

FIRST CLASS : *Hayes, Jos. R., *Heywood, Reginald, *Lawton, Arthur, *Swarbrick, Henry.

SECOND CLASS : Ainsworth, Martha, Brown, Geo., Chaloner, Albert E., Gardner, James, Hall, Wm. Hy., Harwood, Wm., Hopkinson, Samuel Robinson, Hy., Seed, Geo. Wm., Smith, Roger, Swarbrick, Henry, Wareing, Geo., Wilding, Jno. J.

STAGE III.

FIRST CLASS : *Adkins, Francis, *Bateman, Christopher, *Ferris, Rd., Elliott.

SECOND CLASS : Crabtree, Samuel, Dimmock, Walter, Lund, Edmund, Nelson, Harold, Sisson, Ed., Smalley, Joseph, Smith, John, Henry, Southworth, Thos., Whitehead, Arthur J., Wilcock, John Edmund, Willmoth, Henry B., Wilson, Harold C., Yates, Rufus.

SHORTHAND.

SECOND CLASS : Ainsworth, Ernest, Nightingale, Jos., Pickering, Edward, Sisson, Edwin,

LOCAL EXAMINATON RESULTS.

* *Scholarship and Prize Awarded.*

† *Scholarship only Awarded.*

SHORTHAND.

ELEMENTARY THEORY.

FIRST CLASS : *Bleasdale, Harry, *Bryning, Mary, *Collins, E. S. M., *Cuerden, Hy., Dent, Herbert, *Dent, Robert, Dickinson, Ethel, *Edwards, R., *Gledhill, Hilda, *Green, Arthur, *Hill, Wm., *Hindle, Robt. W., *Hodgson, John R., *Hopkinson, Samuel, *Jackson, Jas. W., *Kirby, Jas. A., *Mc. Naughton, Robt., *Martin Fred., *Moffat, Kate M., *Nichols, Frank D., *Rea, Herbert H., *Richards, Dasie, *Rigby, Ernest E., *Rose, Baron, *Sanderson, Robert, *Seed, Bertie, *Shakeshaft, Fred., *Shorrock, Albert, *Timperley, Percy, *Walmsley, Bertha, *Walmsley, Mabel, *Wilde, John W.

SECOND CLASS : Ainsworth, Thos. C., Albrighton, Emily, Arthur, Christopher, Baines, Joseph, Bleasdale, John, Brooksby John C., Brown, John, Brown, Thos., Chadderton, John, Clarkson, Christopher W., Craven, Frank, Dalzell, Richard, Fisher, Robt., Gill, Albert, Heaton, William, Hindson, Herbert, Holland, Mary E., Houlding, Alexander, Hunter, Elizabeth, Jones, Roland T., Kirby, Geo. F., Kirkham, Edward, Nicholls, Robt. C., Price, Edith, Ralph, John A., Rhodes, John, Smethurst, Geo. F., Smith, Fred., Sowerbutts, Sydney, Swift, John, Thackwray, Norman, Turner, Harry, Waddington, Edmund, Webster, David, Wilson, Hubert,

THIRD CLASS : Austin, Wm. H., Birch, Chas. E., Brimfield, Jos., Clifton, Wm., Dewhurst, Jos., Goodman, David, Hacking, Wm., Haydock, Samuel, Hobson, Sydney, Hunter, Thos., Pearson, Hannah, Rigby, Norman O., Spencer, Katie, Wilcock, Edwin H.,

---

LATIN.

FIRST CLASS : *Holt, Hy., *Collins, Estyn.

THIRD CLASS : Richards, Jessie.

TYPEWRITING.

FIRST CLASS : Distinction *Pollard, Hilda, *Kisby, R. S., *Whittle, Herbert, *Howarth, R. F.

FIRST CLASS : Cassidy, Wm., Barnes, Jas., Barnes, E., Lawton, Arthur, Albrighton, Emily, Dewhurst, E. F.

SECOND CLASS : Heane, Alan, Fleming, F. C., Price, R. B., Nicholson, W. H., Wells, Alfred.

THIRD CLASS : Hunter, Thos., Pomfret, Walter, Pearson, H., Rogerson, Beatrice, Hunter, E., Patterson, Mabel, Kirby, J. A., Sergeant, Jno. F., Gorton, Reg., Richards, Daisie.

VOCAL MUSIC.

ELEMENTARY.

PASS : †Snelham, Harriett, †Hartley, Jane, †Littlefair, Edmund F., †Sephton, Isabel, †Cleland, Mary, †Richardson, Wm.

ADVANCED.

PASS : †Salisbury, Ruth, †Clarkson, Arthur W., †Hartley, Emily, †Hartley, Alice, †Charnley Sarah, †Broadwell, Rd. B., †Ainsworth, Fanny, †Pearson, Hannah.

ELECTRICAL ENGINEERING CALCULATIONS.

First Class : Distinction.	*Brown, R. C., *Osborne, W. G., *Estrange, W. L., *Foster, F., *Norris, N. R., *Cripps, R. H.
First Class :	Walton, Seth, Shakeshaft, Fred., Wheeler, Wm., Bradshaw, G. E., Row, B. J., Mackay, N. M.
Second Class :	Bamford, Herbert, Foster, J. H., Gregson, Fred., Smith, E. B., Rae, J. H., Woods, Alfred, Barrett, A. E., Billsborrow, Ed., Sanderson, Robt., Alderson, A. R., Sykes, Wm.
Pass :	Wallis, A. Reid, E. H., Jackson, T., Duck. work, Thos., Duckworth, Wm., Holmes, A. W. W., Hull, J., Lancaster, H. H., Hughes, S. F., Bartleman, J. P., Ayres, Geo. H., Berry, Wm., Wilding, E. S., Dewhurst, Wm. Huggin, Wm.

CONTINUATION CLASSES.

* *Scholarship and Prize Awarded.*

ELEMENTARY SCIENCE.

FIRST CLASS : *Greenhalgh, J., *Wilkinson, G. F., Mc.Vay, J., *Whalley, F., *Curwen, S.

SECOND CLASS : Flatley, Thos., Wright, G., Joyce, Agnes, Cookson, E., Culshaw, T., Gould, J., Brown, T., Gradwell, Mary, Swarbrick, Mabel, Brindle, Florence, Thompson, Kate.

ART.

FIRST CLASS : *Burton, A., *Pilkington, T. W., *Sumner, Thos., *Dean, Alfred, *Flatley, T., *Manley, R., *Manley, G., *Smith, May, *Flatley, H., *Potter, Thos., *Robinson, A., *Joyce, Agnes, *Derbyshire, H., *Stott, C., *Smith, R. S., *Cooper, S. T., *Elliott, W., *Denswick, Eva.

SECOND CLASS : Newsham, J. J., Richmond, F., Kellett, T., Curwen, C., Milner, E., Bleasdale, J., Silver, E., Mills, Charles, Woodhouse, F., Austin, T., Canns, L.

ARITHMETIC AND ENGLISH.

FIRST CLASS : *Jackson, Wm., *Austin, T. H., *Topping, Wm., *Birch, Chas. Ed., *Brooks, Levi, *Swift, John, *Austin, Wm., *Cooper, Wm., *Lund, Wm., *Mc.Vay, Jno., *Dickinson, Jno., *Stephenson, Jno., *Leaver, Jos. Ed., *Whittaker, James, *Ward, James, *Nolan, Jos., *Thompson, Ernest, *Yardley, Arthur, *Thompson, Wm., Green, Jno., *Hodson, Jas., *Barnes, Edgar, *Chadwick, Arthur, *Harrison, Fred.

SECOND CLASS : Lewis, Fred. Wm., Culshaw, Thos., Gardner, J. H., Hornby, W., Cornall, W., Singleton, Jno., Heys, Albert, Askew, Percy, Flatley, Thos.,, Higginson, Wm., Whalley, Robt., Swarbrick, Geo., Merritt, W. P.

PRACTICAL MATHEMATICS.

DAY STUDENTS.

FIRST CLASS : Brown, H. F., Shakeshaft, F., Walton, Seth, Garnett, Jno., Ayres, Geo. H., Berry, Wm., Barrett, A. E., Rae, Jno. H.

SECOND CLASS : Sanderson, R., Hull, Jno., Vernon, C. N., Taylor, Thos., Duckworth, Thos., Elliott, Thos.

APPLIED MECHANICS.

DAY STUDENTS.

FIRST CLASS : Barrett, A. E., Shakeshaft, F., Walton, Seth, Brown, H. F., Duckworth, Thos., Sanderson, Robt., Rae, Jno. H.

SECOND CLASS : Hull, John.

STEAM.

DAY STUDENTS.

FIRST CLASS : Shakeshaft, F., Brown, H. F., Walton, Seth, Rae, Jno. H., Sanderson, Robt., Barrett, A. E.

SECOND CLASS : Duckworth, Thos., Hull, John, Bamford, Hubert.

ENGINEERING

DAY SCHOOL.

Scholarships tenable for 3 years Awarded to the following :—

Berry, Robert, Crook, Frederick, Allsup, William, Lucas, Leonard, Luke, Jas.

Table showing the number of Students who sat for Examination in connection with the Board of Education at the Harris Institute, April, May, and June, 1905.

SUBJECT.	Harris Institute.	Externals.	Total.
ART.			
Geometrical Drawing	12	4	16
Model Drawing	86	22	108
Freehand Drawing	95	12	107
Light and Shade Drawing	35	2	37
Perspective	10	—	10
Design	16	—	16
Drawing from the Antique	7	—	7
Drawing Common Objects	4	—	4
Drawing from Life	4	—	4
Painting in Monochrome	6	—	6
Painting from Still Life	7	—	7
Architecture	8	—	8
Anatomy	2	—	2
Memory Drawing of Plant Form	9	—	9
Drawing Antique from Memory	4	—	4
Modelling, Design	3	—	3
Modelling, Antique	5	—	5
SCIENCE.			
Applied Mechanics	55	—	55
Agriculture	44	—	44
Botany	26	3	29
Building Construction	90	1	91
Biology	—	1	1
Chemistry, Theoretical	78	1	79
Chemistry, Practical Elementary	29	—	29
Chemistry, Practical Advanced	20	—	20
Chemistry, Organic	5	—	5
Elementary Science of Common Life	30	—	30
Geology	21	—	21
Human Phisiology	8	6	14
Hygiene	39	5	44
Machine Construction	71	11	82
Mathematics	53	4	57
Mathematics, Practical	48	—	48
Magnetism	43	1	44
Mineralogy	—	2	2
Physiography	27	32	59
Practical Plane and Solid Geometry	48	—	48
Steam and Steam Engine	44	—	44
Sound, Light, and Heat	13	3	16
Theoretical Mechanics	7	4	11
Zoology	—	2	2
TOTALS	1112	116	1228

In addition to the foregoing Table, the following shows the number of Students of the Harris Institute examined at the Institute in connection with other classes :—

City and Guilds of London Institute :—

Electric Light and Power	51	
Cotton Spinning	66	
Cotton Weaving	74	
Carpentry and Joinery	37	
Plumbing	32	
Brickwork & Masonry	25	
Mechanical Engineering	30	
		315

Society of Arts :—

Shorthand	8	
Book-keeping	74	
		82
Carried forward		397

Brought forward		397
Lancashire and Cheshire Union of Institutes :—		
Typewriting	14	
Shorthand	147	
Book-keeping	157	
German	8	
Arithmetic	253	
Algebra	36	
French	80	
Music	38	
English	50	
Elementary Science	31	
Dressmaking	20	
Practical Drawing	63	
Woodwork	4	
Cookery, Theory and Practical	34	
Commercial Correspondence	26	
Millinery	9	
Machine Calculations	62	
Latin	3	
		1035
Examined Locally :—		
Music (Staff Notation	23	
Shorthand	85	
Sick Nursing	45	
Pupil Teachers' Classes	235	
Electrical Engineering Calculations	41	
School of Agriculture	62	
Continuation Classes : Science and Art	120	
Typewriting	25	
Latin	3	
Practical Mechanics	19	
Applied Mechanies	8	
Steam	10	
		676
Total		2108

Harris Institute.—Trustees' Account, September 30th, 1905.

Receipts.	£	s.	d.	£	s.	d.
To Balance in hand 30th Sept., 1904				57600	0	0
,, 1st Nov., 1904, Six months Interest (less Tax) on £15000 at 3 and 3¾ per cent. Corporation of Preston	222	13	2			
,, 1st Jan., 1905, do. on £29,000 at 3½ per cent., County of Lancaster ...	482	2	6			
,, 1st March, do. on £13,600 at 3½ and 3¾ per cent., Corporation of Preston	229	9	4			
,, 1st May, do. on £15,000 at 3¾ per cent Corporation of Preston	267	3	9			
,, 1st July, do, on £29,000 at 3½ per cent County of Lancaster	482	2	6			
,, 1st Sept., do, on 13,600 at 3½ and 3¾ per cent Corporation of Preston	237	7	8			
,, 30th Sept., 5 months Interest on £15,000 at 3¾ per cent., Corporation of Preston	222	13	2			
				2143	12	1
				£59,743	12	1
To Balance brought down				£57,600	0	0

Payments.	£	s.	d.
By Paid the Council of the Harris Institute, being Interest from Endowment	2143	12	1
,, Balance carried down	57600	0	0
	£59743	12	1
By Invested with Corporation of Preston at 3¾ per cent.....	28600	0	0
,, do. with County of Lancaster 3½ per cent.	29000	0	0
	£57600	0	0

Examined and found correct,

W. L. MOORE, F C.A.,
Auditor.

December 18th, 1905.

Exhibited,
Wm. ASCROFT,
Geo. STEELE,
J. H. HAMMOND,
Frank HOLLINS,
Robert W. ASCROFT,
H. CALVERT.
Trustees.

T. R. JOLLY,
Secretary Trustees.

Harris Institute.—General Account, September 30th, 1905.

Receipts.	£ s. d.	£ s. d.	£ s. d.
To Interest from Capital		2143 12 1	
,, Less to Scholarship Fund		267 19 0	
			1875 13 1
,, Fees and Grants :—			
Science Fees	255 18 0		
Science Grants	752 11 6		
		1008 9 6	
Art Fees	63 6 6		
Art Grants	262 13 7		
		326 0 1	
Technical Fees		80 16 0	
Cookery Fees	940 5 0		
Cookery Grants	128 8 6		
		1068 13 6	
Pupil Teachers Grant		681 3 4	
Commercial Grant		155 4 0	
Continuation Grant		45 0 0	
Analytical Fees		45 15 0	
Examination Fees (Externals)		6 19 0	
Miscellaneous Fees		970 12 8	
			4388 13 1
,, Grant from Corporationr of Preston			1500 0 0
,, Grant from County Council			550 0 0
,, Grant from Advanced Students			55 10 0
,, Grant from Board of Agriculture			150 0 0
,, Subscriptions			14 14 0
			£8534 10 2
,, Balance overdrawn, September 30th, 1905.			556 16 8
			£9091 6 10

Payments.	£ s. d.	£ s. d.
By Balance overdrawn		1073 11 8
,, Salaries of 49 Lecturers and Assistants at Institute and Technical School	4002 6 7	
,, Salaries of 16 Lecturers & Assistants at School of Domestic Science	713 14 1	
,, Salaries—Secretary, 2 Custodians, Engineer and Assistants	605 3 6	
,, Alterations, Additions & Repairs	173 0 8	
,, Apparatus, Material for Trade Classes, Books, Life Studies, &c.	495 15 0	
,, Printing and Stationery	159 3 4	
,, Advertising	60 0 2	
,, Lighting, Firing and Water	519 9 4	
,, Washing and Cleaning	170 11 6	
,, Rates, Taxes, and Insurance	179 15 0	
,, Examination Fees and Expenses	204 17 5	
,, Distribution of Prizes	47 0 8	
,, School of Domestic Science	348 7 4	
,, Travelling Expenses :—Teachers for Selection and Agricultural Students to Farm	45 12 5	
,, Rent, Outside School	5 10 0	
,, Miscellaneous Expenses	68 11 9	
,, Paid—Fittings and Alterations P.T. Centre and extra Apparatus Electrical Labatory	187 3 11	
,, Bank Charges	31 12 6	
		8017 15 2
		£9091 6 10

Examined and found correct,
W. L. MOORE, F.C.A., Auditor.

Wm. ASCROFT, President.

HARRIS INSTITUTE, PRESTON.

SCHOLARSHIP AND PRIZE FUND, 30th SEPTEMBER, 1905.

RECEIPTS.	£	s.	d.	£	s.	d.
To Balance in hand, Sept. 30th, 1904.				188	13	4
,, Amount transferred from General Fnnd	267	19	0			
,, Board of Education Art Prizes ...	5	0	0			
,, Bank Interest	1	2	1			
				274	1	1
				£462	14	5
To Balance in hands of the London City and Midland Bank	80	12	4			

PAYMENTS.	£	s.	d.	£	s.	d.
By Paid Free Scholarships to various classes	210	10	0			
,, Paid for Prizes	81	12	1			
,, Science Scholarship (Renwick)	45	0	0			
,, Science Scholarship (Sloan)	45	0	0			
				382	2	1
,, Balance carried down				80	12	4
				£462	14	5

Examined and found correct,
W. L. MOORE, F.C.A., Auditor.
18th December, 1905.

W. ASCROFT, President.
T. R. JOLLY, Secretary

HARRIS INSTITUTE, PRESTON.

THORNLEY BEQUEST ACCOUNT.

RECEIPTS.	£	s.	d.	£	s.	d.
To Balance in hand Sept. 30th, 1904				1234	3	8
,, Interest from Corporation				33	5	0
,, Bank Interset				3	6	6
				£1270	15	2
To Balance Invested with Corporation of Preston	1000	0	0			
,, London, City & Midland Bank ...	239	19	2			
	£1239	19	2			

PAYMENTS.	£	s.	d.
By Paid for Prizes to Artisan Students	30	16	0
,, Balance carried down	1239	19	2
	£1270	15	2

Examined and found correct,
W. L. MOORE. F.C.A., Auditor.
18th, December, 1905.

W. ASCROFT, President.
T. R. JOLLY, Secretary.

HARRIS INSTITUTE, PRESTON.

JOHN BILLINGTON BOOTH ACCOUNT.

RECEIPTS.	£	s.	d.
To Balance in hand Sept. 30th, 1904.	139	16	9
,, Bank Interest.....	8	3	11
	£148	0	8

PAYMENTS.	£	s.	d.	£	s.	d.
By Paid towards equipment Electrical Laboratory	135	14	5			
,, ditto. Mechanical	10	18	6			
,, Bank Charges	1	7	9			
				£148	0	8

Examined and found correct,
W. L. MOORE, F.C.A., Auditor.
18th December, 1905.

W. ASCROFT, President.
T. R. JOLLY, Secretary.

HARRIS INSTITUTE, PRESTON.

MESSRS. DICK, KERR, AND COMPANY ACCOUNT.

RECEIPTS.	£	s.	d.
To Balance in hand Sept. 30th, 1904.	500	0	0
,, Bank Interest	11	10	7
	£511	10	7

PAYMENTS.	£	s.	d.
By Paid for Motors and Electrical Fittings for Laboratory	511	10	7
	£511	10	7

Examined and found correct,
W. L. MOORE, ,F.C.A., Auditor.
18th December, 1905.

W. ASCROFT, President.
T. R. JOLLY, Secretary.

AUDITOR'S REPORT, &c.

To the President and Council of the Harris Institute, Preston.

GENTLEMEN,

I have examined the accounts of the Harris Institute for the year ending 30th September, 1905, and have pleasure in certifying to their correctness and to their accustomed neatness and order. Vouchers have been produced for all payments and the Securities for the Capital Investments have been produced to me. I have examined the Bank Pass Books, and am informed by the Bank's officials that the balances shown therein agree with the accounts in the books of the Banks at the close of the financial year.

Yours truly,

18th December, 1905. W. L. MOORE, F.C.A.

We, the President and Treasurer of the above Institute, certify in accordance with clause 5, sub-section (c) of the scheme, that the sum of two thousand one hundred and forty-three pounds, twelve shillings and one penny has been received by the Trustees as income from endowment for the year ending 30th September, 1905, and that such sum has been credited to the General Funds of the Institute.

WILLIAM ASCROFT, President.
W. B. ROPER, Treasurer.

£2,143 12s. 1d.

List of Subscribers.

ASCROFT, Mr. W.

ASCROFT, Mr. R. W.

ASSHETON, Mr. R. C.

BOOTH, Mr. Y. W.

BROCKHOLES, Mr. FITZHERBERT

DAVIES, Mr. H.

DICKSON, Mr. E.

EASTERBY, Mr. R. F.

ECCLES, Messrs. T. & Co.

FOSTER, Mr. J. Y.

GREENWOOD, Mr. E.

HEALEY, Mr. J.

ROPER, Mr. W. B.

STEELE, Rev. Geo.

HARRIS INSTITUTE,

PRESTON.

TWENTY-FOURTH

ANNUAL REPORT

AND

STATEMENT OF ACCOUNTS

FOR THE

YEAR ENDING 30th SEPTEMBER, 1906.

PRESTON:
T. SNAPE AND CO., PRINTERS AND BOOKBINDERS, CHURCH STREET.
1907.

HARRIS INSTITUTE, PRESTON.

Trustees.

Mr. R. W. Ascroft, M.A., B.C.L.
Mr. W. Ascroft, J.P.
Mr. H. Calvert.
Mr. J. H. Hammond, M.D., J.P.
Mr. F. Hollins, J.P.
The Rev. Geo. Steele, M.A.

COUNCIL.

President.

Mr. WM. ASCROFT, J.P.

Vice-President.

The Rev. GEORGE STEELE, M.A.

Mr. R. W. Ascroft, M.A., B.C.L., J.P.
Mr. H. Bell, J.P.
Mr. Y. W. Booth, J.P.
Dr. R. C. Brown.
Mr. H. Calvert.
Mr. J. Connor.
Mr. H. Davies, J.P.
Mr. E. Dickson.
Mr. J. Y. Foster, J.P.
*Mr. Alderman E. Greenwood, J.P.
Mr. J. H. Hammond, M.D., J.P.
Mr. F. Hollins, J.P.
*Mr. Alderman W. B. Roper, J.P.

Representing the Corporation of Preston.

Mr. Councillor E. J. Andrew.
Mr. Councillor W. Breakell.
Mr. Councillor D. W. Brown, M.D., M.R.C.S.
Mr. Councillor H. Cartmell.
Mr. Alderman J. C. Hamilton, J.P.
Mr. Councillor J. Rigg, M.B., C.M.
Mr. Councillor J. J. Rawsthorn.
Mr. Councillor C. White.

Representing the County of Lancaster.

Mr. W. E. Hale, C.C.
Mr. Philip Park, J.P.
Rev. L. C. Wood, B.A., C.A.

Representing Victoria University.

Professor Bone (Manchester).
Professor W. H. Woodward, M.A., (Liverpool).

* These Members of the Council are on the Corporation of Preston.

Secretary and Registrar.

T. R. JOLLY, F.C.I.S.

OFFICERS AND COMMITTEE, 1907.

GENERAL PURPOSES COMMITTEE.

Chairman: Mr. W. Ascroft. *Vice-Chairmen:* Mr. H. Davies and Mr. Ald. J. C. Hamilton.

All Members of the Council are on this Committee.

FINANCE COMMITTEE.

Chairman: Mr. Y. W. Booth. *Vice-Chairman:* Mr. E. J. Andrew.

Mr. R. W. Ascroft.
M. J. Y. Foster.
Mr. W. B. Roper.
Mr. C. White.

AGRICULTURAL COMMITTEE.

Chairman: Rev. L. C. Wood.

Mr. E. J. Andrew.
Mr. H. Bell.
Mr. W. Fitzherbert Brockholes.
Mr. J. Y. Foster.
Mr. W. E. Hale.
Mr. J. H. Hammond.
Sir H. F. Hibbert.
Mr. F. Hollins.
Mr. P. Park.

AVENHAM INSTITUTE COMMITTEE.

Chairman: Rev. Geo. Steele. *Vice-Chairman:* Mr. E. Dickson.

Mr. R. W. Ascroft.
Prof. Bone.
Mr. Y. W. Booth.
Dr. D. W. Brown.
Mr. H. Cartmell.
Mr. Henry Davies.
Mr. J. C. Hamilton.
Dr. J. H. Hammond.
Dr. J. Rigg.
Mr. W. B. Roper.
Prof. W. H. Wood-Ward.

TECHNICAL SCHOOL COMMITTEE.

Chairman: Mr. E. Greenwood. *Vice-Chairman:* Mr. H. Bell.

Mr. E. J. Andrew.
Mr. Y. W. Booth.
Mr. H. Calvert.
Mr. J. Connor.
Mr. J. Y. Foster.
Mr. C. White.

DOMESTIC ECONOMY SCHOOL COMMITTEE.

Chairman: Dr. Hammond. *Vice-Chairman:* Dr. R. C. Brown.

Mr. W. Breakell.
Dr. D. W. Brown.
Mr. E. Dickson.
Mr. J. Y. Foster.
Mr. J. J. Rawsthorn.
Mr. W. B. Roper.
Mr. C. White.

The President and Vice-President are on all Committees.

HARRIS INSTITUTE, PRESTON.

24TH ANNUAL REPORT.

The past year has been thoroughly satisfactory, both as to numbers and as to results, in both respects surpassing any previous year. The following numbers show the gradual progress of the Institution from its commencement in 1882 :—

(First Year)	On Registers.	Average attendance.	Individual Students.
1882-3	396	343	318
1902-3	4768	4192	3188
1903-4	6130	5328	3720
1904-5	6256	5820	3848
1905-6	6529	6038	3855
1906-7	6737	6318	3987

The Examination results have been excellent, including many exceptional distinctions.

During the year the Council have lost two members. Mr. H. P. Hornby, by resignation, and Mr. R. F. Easterby by death. The vacancy caused by the resignation of Mr. Hornby has been filled by the election of Dr. R. C. Brown. The vacancy caused by the death of Mr. Easterby has not yet been filled. Mr. Easterby was a member of the Council since its first formation, and had previously been a member of the Council of the Mechanics' Institution.

Out of a staff of 70 lecturers there has only been one change during the year. Mr. J. D. Revel, Second Master in the Art School, was awarded a National Art Exhibition at the recent examinations, and, in consequence, had to resign his appointment in order to pursue his studies in London. Mr. James Edon, of Exeter, has been appointed to fill the vacancy.

The Board of Education report with regard to the general work of the Institute : "This important centre continues to be successfully organised. The teaching, as before, has been efficient. The students appear to evince real interest in their work, and the progress made has been commendable."

During the year additional lavatory accommodation and a new bathroom have, on the requisition of the Inspectors of the Board of Education, been provided at the School of Domestic Science, and this building, as well as the Harris Institute at Avenham, has been painted inside and outside. New windows have also been opened out in the advanced room attached to the Art School in compliance with the requirements of the Art Inspectors.

The support and co-operation of the Preston Corporation and County Council of Lancashire have been continued with mutual satisfaction, and the grant by Government in respect of the Agricultural School has been renewed. The success of the students of the Agricultural School has been unusually great.

Messrs. Howard & Bullough, Accrington, have given models of mules, for which the Council express their hearty thanks.

The Council also express their warm acknowledgment to the whole of the staff, who have worked with great zeal and ability. To this, and to the complete harmony which has pervaded the entire Institute, and to the conscientious devotion to their work on the part of the students generally, are attributed the excellent results of the year's operations.

WILLIAM ASCROFT,
President.

16th December, 1906.

HARRIS INSTITUTE, PRESTON.

PROCEEDINGS OF ANNUAL MEETING

WEDNESDAY, 19TH DECEMBER, 1906.

The Annual Meeting of the Harris Institute Council was held at the Technical School on the above date, when there were present Messrs. W. Ascroft, J.P. (President), Y. W. Booth, J.P., E. Dickson, W. L. Moore, Dr. Hammond, J.P., Councillor Andrew, Mr. J. Connor, and the Secretary (Lieut.-Col. T. R. Jolly).

The President stated that the first business would be to elect a representative who would act upon the Council until December 31st, 1909. Professor Bone, of the University, Manchester, was the only gentlemen nominated, and was therefore duly elected.

The Secretary submitted a copy of the 24th Annual Report, which will be found on page 5.

The PRESIDENT, in moving the adoption of the Report, said the first matter he should like to refer to was the resignation of Mr. Hornby, who had been a very useful member of the Council, and they were sorry to lose his services. They had got in his place Dr. Brown, who took a great interest in the School for Domestic Science. Another loss they had suffered was that caused by the death of Mr. Easterby, who had been a very old friend. They had always valued his assistance and his presence at their meetings.

The Report, he went on, referred to the great success of the Art School. It had certainly made great progress during the past year, the number of students had increased, and the honours gained in the examinations had been remarkably good. Their late Second Master had been awarded an Exhibition, taking the first position in the Kingdom, which compelled him to resign to go to London to complete his studies there, and they wished him every prosperity in his future career. He was a young man of

distinguished ability, and there was every prospect of him doing extremely well. The vacancy had been filled by appointment of Mr. James Edon, of Exeter. Generally speaking, the successes of the students throughout the Institute had been very good indeed, and there had been a large increase in advanced passes. They had gained more grouped Trade Certificates in the Lancashire and Cheshire Examinations than any other College, and a Whitworth Exhibition had also been gained by one of their students. Another student had taken Second Position in the Kingdom in Electric Lighting and Power. This all showed the value of the instruction which had been given. With regard to the School of Domestic Science, the number of students was large, and they could do with larger premises, but they had not at present the money to make the alterations. Their co-operation with the Corporation of Preston and with the County Council had proved very useful, and the successes in the Agricultural School during the past year had been almost unexampled—no other School in the country had touched them. This was something they might be proud of. The County Authorities were well satisfied with everything that had been done. He did not think he need say anything about the finances, except that there was a balance of £500 more against them than at the beginning of the year, but the money was due to them. Two new classes had been started, both of which were very useful. One was for typography, and the other for painting and decorating. Both classes were full and well taught, and they would made a very important addition to the general efficiency of the Institute. There was also a class for plumbers—a large class doing good work, and largely attended; but a practical class made a considerable noise, and occasionally was somewhat disturbing to the other students. Therefore, although the room was well adapted, they thought a shed might be built for the purpose, in which practical work could be done. In conclusion, he stated how much he appreciated the work of the staff, who had shown such zeal and ability. During the past year the greatest harmony pervaded the staff, and to the Secretary and the Lecturers the hearty thanks of all educationalists were due.—(Applause).

Councillor Andrew, in seconding, made reference to the financial position of the Institute as being satisfactory, and also heartily endorsed the President's remarks with regard to the Secretary and Staff.

The Report was unanimously adopted.

Mr. Y. W. Booth, J.P., proposed a vote of thanks to Mr. Ascroft for presiding, and spoke of the President's long connection with the work of the Institute, and hoped that he would be able to carry on that work.

The motion was seconded by Mr. J. Connor.

After the Chairman had suitably replied, the Meeting terminated.

HARRIS INSTITUTE, PRESTON.

DISTRIBUTION of PRIZES

TO THE STUDENTS BY

SIR H. F. HIBBERT,

CHAIRMAN OF THE EDUCATION COMMITTEE, COUNTY OF LANCASTER.

THURSDAY, 6TH DECEMBER, 1906.

The Annual Distribution of Prizes to the successful students of the Harris Institute took place on Thursday evening, the 6th December, 1906, at the Public Hall, Preston. There was a large audience. The proceedings were invested with additional interest by the organ contributions of Mr. James Tomlinson, and the singing of a specially-selected group of choruses and part songs by the Harris Choir, under the conductorship of Mr. Joseph Smith. The selections included some of the best compositions of Mendelssohn, Berlioz, Webbe, Gaul, Hatton, and Dudley Buck, and the singing was characterised by great beauty of tone. Mr. W. Ascroft, J.P. (the President of the Institute) occupied the chair, and was supported on the platform by Sir Henry F. Hibbert (Chairman of the Lancashire Education Committee), the Mayor (Councillor Ord), the Revs. Geo. Steele and Jas Pimblett, Major Foster, Aldermen Ormrod, Craven, Hamilton, and Woods, Councillor Cartmell (Christ Church), Principal Rankin (Wigan), Mr. W. Fitzherbert-Brockholes, C.A., Messrs. H. M. Fenton (H.M.I.), H. Calvert, R. W. Ascroft, W. F. Ascroft, W. L. Moore, C.A., A. J. Bott, E. Dickson, and T. R. Jolly (Secretary.) The members of the Staff present included : Messrs. Harrison, A. Smith, Adamson, Billington, Mellor, Blinkhorn, R. H. Jones, J. G. Jones, Burton, Sinclair, Edon, Birtwistle, Varley, Allen, Corkill, Gaut, Gladwell, Handy, Binfield, Jackson, Moyle, Whincup, J. Smith, Pye, Smirk, Holden,

Gittins, Porter, and Collinge; Misses Baster, Atkinson, McCourty, Huntly, Bolton, Marshall, Norwood, Ashby, Bonney, and Fordham.

The Chairman (Mr. W. Ascroft) said that on that their 20th annual ceremony they were much favoured by the presence of Sir Henry Hibbert, who had very kindly undertaken to distribute the prizes. (Hear, hear). Sir Henry was the Chairman of the Education Committee of the Lancashire County Council, and in that capacity had imposed upon him very arduous and important duties, which he had discharged with conspicuous ability and success. In the matter of the Agricultural College they had had great satisfaction in co-operating with the County Council in a work of importance which he thought was producing a good effect in Lancashire. Sir Henry had always acted towards them with much appreciation and courtesy. This co-operation between the different educational bodies had in this instance been productive of much good, and he could imagine many other instances in which it might prove beneficial. In its educational work the County Council had in Sir Henry a wise and efficient leader, and they and all other bodies who were brought in contact with him had found a much-valued friend. He had great pleasure, on the part of the Harris Institute, in welcoming Sir Henry that night, and in expressing their sense of the value to the public of Lancashire of so earnest and efficient a promoter of the great cause of education. (Hear. hear).

He proposed very briefly to show the position of the Institute and its progress during the past year. The numbers as compared with the previous year were as follows :—

	1905-6.	1906-7.
Students on Register	6529 ..	6737
Average Attendance	6038 ..	6318
Number of individual Students.	3855 ..	3987

He had a list of the special successes gained in the recent examinations. It was too lengthy to read, but he would hand it to the press. It was a very creditable one, and showed a very high state of efficiency in the teaching staff and of ability and industry on the part of the students. Such successes indicated not only the merit of the successful candidates, but a high degree of average excellence on the part of their companions, who in many cases only just failed in attaining the

same positions. The successes included in Art one—Mr. Revel—the late Assistant Art Master, who was the first in the kingdom, two King's prizes, and two highly commended in national competition. In Science, there were four Matriculations at Victoria University, one the first position in Lancashire and Cheshire in Chemistry, several of minor excellence, and one much-coveted distinction—a Whitworth Exhibition for three years of the value of £50 a year. In Technology, there was one second place in Great Britain for Electric Light, including a prize from the Goldsmiths' Company, and a bronze medal from the City and Guilds of London ; and one, the first Ordinary in Great Britain for Boiler-making, including a silver medal from the City and Guilds of London. In Agriculture, there were four in Honours for the National Diploma, Part 2, one student taking the first place in Great Britain and a gold medal. In Commercial subjects, one had taken the first position, one the second, and two the third in Lancashire and Cheshire in their several subjects. Harold Rigby, who took the £45 Scholarship in Art, had had the honour of one of his etchings being hung in the Royal Academy.

Preston had obtained the highest number of certificates in grouped trade courses in the two counties of Lancashire and Cheshire. He had often referred to the advancement of past students in many cases attributed by them to the advantages which they had derived from the Institute, to which they had referred in terms of gratitude. Within the last few days he had received with the greatest satisfaction a letter from an old Prestonian and student at the Institute—Mr. Whittam—a gentleman who held an important position under the Government of the United States of America, which with their permission he would read :—

DEPARTMENT OF COMMERCE AND LABOUR,
BUREAU OF MANUFACTURES, WASHINGTON.

William Ascroft, Esq.,
President, Harris Institute.

Dear Sir,

The writing of this letter at the suggestion of your good self affords me much pleasure, especially as I can say, from a wide experience and with all the emphasis at my command, that there is little worth having in one's chosen work out of the reach of any young man of

ordinary ability, if he will take advantage of the magnificent facilities afforded by the departments of the Harris Institute. In my own case, I know that such success as I have achieved would have been altogether impossible but for the six years' training I had at the Harris Institute some 13 years ago, when the facilities available were by no means equal to those afforded to students to-day.

After being at the head of some important cotton mills in the United States. I have been honoured with an appointment by the Government of the United States as a Special Agent in Foreign Countries.

Another old Harris student—a Mr. W. Nelson—is now the Director or Head of the Textile School maintained by the Government of North Carolina, at Raleigh, in that State.

One other, a member of my own family, is manager of a large commercial house in New York, having been previously the first head of the splendid Textile School maintained by the State of Mississippi, and afterwards President of a Cotton Mill Corporation.

And lastly, a Mr. Sam. Westall, one of the later students, has been managing a cotton mill in the United States for upwards of four years.

I mention these instances to show what diligence and application can accomplish. I know of other Harris students who have perhaps been equally, if not more, successful; but these will, I think, suffice as examples, and as an encouragement to the students of my *alma mater*.

I regret my inability to be with you when this is read; but I had already promised to be in Manchester at the banquet of the British Cotton Growing Association as the guest of Sir Alfred Jones, K.C.M.G., yet my best wishes will ever attend you and your ernest colleagues in your magnificent work.

Believe me,
Yours faithfully,
W. Whittam, Junr.

There had during the past year been no diminution of the energy and zeal of the staff. All had worked with a will and harmony conducive to success. The calm almosphere of the

Institute was not disturbed—nor was it likely to be disturbed—by the educational storms which had raged outside. The co-operation with the County Council of Lancashire and the Corporation of Preston had been continued with satisfaction and success. They had found both bodies very willing to forward their efforts in promoting the cause of education, which all of them had at heart. The co-operation of these different bodies had been attended with conspicuous success. In what way the educational arrangements of the future might be shaped it was impossible to say, but he was convinced that whatever that shape might be, whilst the same feeling of mutual confidence which then existed continued, and the same realisation of the importance of the subject which then prevailed might continue to influence them all, as he believed would be the case, there would be no reduction in the educational progress of this district and of this county, contributing, as it did, so greatly to the improvement of the intelligence, the character, and the commercial advancement of the inhabitants. (Loud applause.)

Sir Henry F. Hibbert said he accepted with very great pleasure the invitation of their chairman to distribute the prizes that evening, in consequence of the close and valuable connection between the Lancashire County Council and the Corporation of Preston—(hear, hear). He had often thought—much as he admired that portion of the Act of 1902 which provided for secondary education—that it perhaps would be better if there had been less autonomy, and better if there had been one large system of secondary education for the whole of Lancashire—(hear, hear.) That had not been possible, but in the case of Wigan and Preston they had done their best under the circumstances, and he thought that best had been a very good one—(hear, hear). They were greatly indebted as a county for the facilities which the Harris Institute had placed in the way of their students—(hear, hear).

The chairman had alluded to the magnificent success one of their agricultural students had achieved—they had beaten the whole of the country, and he would remind them that the gold medallist had been trained at the Harris Institute—(applause). In addition to that the county used the Harris Institute classes for the training of their pupil teachers, and they used the technical classes for the training of those who were students from the outside districts.

It would be quite true to say, said Sir Henry, that if they had not the Harris Institute in their midst in the centre of this geographical part of Lancashire, they would undoubtedly be obliged to establish schools in order to deal with the three branches of education, and the result would be an enormous increase in the cost of that kind of education in this part of Lancashire. It was equally true to say that if the Corporation of Preston and the Harris Institute did not receive grants from the Lancashire County Council, and were thereby enabled to provide a larger, better, and more adequate staff, in all probability they might suffer. They would thus see that the arrangement was one which suited both of them, and was to the advantage of the respective students of the administrative county and the county borough—(hear, hear).

He desired to congratulate the chairman (Mr. Ascroft) on the magnificent work he was doing and had done for many years, and he hoped that he might live long to reign over them educationally—(applause). Their school was admirably managed, admirably equipped, and admirably taught—(hear, hear). The students in Preston had an advantage which not many students in Lancashire possessed, and he hoped from the bottom of his heart that they would take advantage of it and thus repay those who had spent so much of their leisure time in trying to advance their education—(applause).

Sir Henry said he wanted to say a few words to them about industrial education. Some seven or eight months ago he was elected on a committee which had to enquire into the question of industrial education—a committee chosen in the Guildhall, in London—and which for the last few months had been probing into the innermost recesses of this question. It struck him that in a large industrial community like this he might be able to tell them what his findings had been on that great question—(hear, hear).

Since the era of the introduction of machinery the conditions of labour had become almost entirely changed. Operations in factories and workshops had become more complicated and exact, hence there was the necessity of providing a sound training for those engaged in the various industrial pursuits, so that they might have an intelligent knowledge of the principles which underlay their respective trades—(hear, hear).

He wanted them to realise at once that the "rule of thumb" had entirely disappeared from the industries of this

great country. This modern development in the changing conditions of industry had also brought about a great change in the conditions of apprenticeship. In several trades or industries apprenticeship had almost disappeared, principally in the large towns of England, and some of the causes which had tended to bring about that result were due to the development and erection of large factories and the introduction of time-saving and labour expediting machinery, and the greater subdivision of labour consequent thereon.

The larger employer preferred to divide his work between boys' work and men's work. He frequently did not care to be troubled with boys if he was compelled to teach them their whole trade. The boys on their part did not care for a long term of apprenticeship at a very small wage, and their parents in like manner did not care to pay good premiums unless they were satisfied that their boys were going to learn every department of the trade to which they were apprenticed.

Seeing, therefore, that the altered conditions of labour had rendered it exceedingly difficult for an apprentice to get an all-round knowledge of his trade in the workshop, it became imperative that the training given in the workshop should be supplemented by outside technical classes—(applause). It was, however, impossible, said Sir Henry, for purely theoretical training to do everything, and no amount of training in technical classes would ever take the place of the workshop—(hear, hear).

Long prior to the passing of the Technical Instruction Acts of 1889-90, the necessity for technical training had been recognised, and it would be well within the memory of many persons in that hall, and especially of the gentlemen on the platform, that a few enlightened leaders of the people commenced what were called Mechanics' Institutes. They were established for the instruction of mechanics at a cheap rate in the arts they practised, as well as other useful arts practised in manufacturing centres. As they had to depend entirely on voluntary effort, it was hardly surprising to find that while in some parts of the country these institutes were a magnificent success, in other parts they were almost an abject failure.

But what was taking place on the Continent of Europe during that time? The conditions there were entirely different. They had begun to realise that the best asset of a

nation lay in the brains of its people, and they were educating in trade schools, at the cost of the municipalities and governments, their artisans in the principles which underlay their own industries, in order to make a better class of men—(hear, hear).

After 1890 the Technical Instruction Acts gave municipalities in England the power to provide technical instruction out of local and government funds, and in 1902 that was further supplemented by the second part of the Education Act of that year, giving to county boroughs the power to spend above 1d. rate on secondary education and giving an enormous amount of administrative control into the hands of the County Council. That at once led to a great development in the provision of technical instruction, but, although, enormous sums of money had been spent, they were bound to say that the results had been far short of their expectations. It is generally recognised, said Sir Henry, that the country has not received, and is not receiving, an adequate return for the expenditure we are making—(hear, hear).

Yet, from the large numbers attending Evening Schools and Technical Classes, there is apparently a great desire on the part of the people to receive instruction. Now, if there is comparative failure in the results of our industrial and technical training, and if more systematic training is required in order that our skilled trades may maintain and increase their efficiency, it is advisable to consider what are the reasons for this failure in order that suggested remedies may be considered and discussed.

Proceeding, Sir Henry said that there were causes why they were not getting twenty shillings return for the sovereign spent—first, unfit students ; second, a desire on the part of the students to attend classes without preparation ; and the third, which he need not refer to in Preston, the lack of organisation on the part of managers and local education authorities.

What was the experience, asked Sir Henry, of anyone who had to do with the management of a technical school ? They found that the boys left the elementary day school at 13 or 14 ; they loitered away their leisure time at street corners for three or four years, and then they came to the technical school.

Who was to blame for the enormous waste of money ? The ratepayers said that the education authorities were

spending their money ; that they were wasting their money, and that the rates were going up. But who *was* to blame for that waste of money ? The fathers and mothers of England were to blame for it. They had good continuation schools established in this part of the kingdom, and why, he asked, did they not, on their children leaving school at 14, send them to evening continuation schools in order to continue that education which had been given them in the elementary day schools—(hear, hear).

If they did that, the 12 to 14 millions of money spent annually on elementary education would not be wasted in so large a proportion as it was wasted to-day—(hear, hear).

Then again they were told by some people that they had no right to spend all this money on education. These people said that they were educating their own children and that everyone else should do the same thing. He thought that was quite true, but as every one would not do the same thing they had to look at the question in an entirely different light. If they regarded the children as an asset of the State and recognised that 20 years hence the boys and girls of to-day would be helping to govern this country, they were bound as citizens and patriots, if parents neglected their responsibility, to take it on their own shoulders on behalf of the State, in order that the government of the future might be better than in the past—(hear, hear).

He himself attributed a great deal of the out-of-work men to the apathy which existed with regard to education a generation ago, and he had no hesitation in saying that the two greatest evils under which they at the moment laboured were imperfect education and intemperance—(hear, hear). Those were the two things which swelled the number of street corner men—(hear, hear).

The great remedy for the whole educational difficulty, so far as it related to industrial education, said Sir Henry, was to get employers of labour in thorough touch with the education committees—(hear, hear). From his own experience in different parts of Lancashire he found that masters were beginning to recognise that the better educated their men were the greater return they got for their labour, and the better labour they accomplished. He found that in a circular issued by a Lancashire firm, Messrs. Vickers, Sons, and Maxim, of Barrow—an example which would probably

be followed by many other firms—that preference would be given to those lads having a technical training in making appointments of trust—(hear, hear).

In conclusion, Sir Henry, addressing himself to the students, said it rested with each one of them as to whether they would either make or mar their own fortune. There was practically no position in the United Kingdom to which they could not aspire, but to do that they would have to work; they would have to undergo very great self-denial, but he could assure them that when, in the future they had gained, or even partly gained, that which they had set themselves to attain, that the enormous amount of pleasure they would experience themselves; the enormous amount of pleasure they would give their parents would more than compensate them for the hours of study they had spent in the technical school—(applause).

Sir Henry then distributed the prizes to students who had obtained advanced passes in connection with the Board of Education and City and Guilds of London, and those students who had obtained special distinction. The full list of prize winners is appended.

Mr. Fitzherbert-Brockholes, in proposing a vote of thanks to Sir Henry Hibbert, said he was glad to have that duty to perform, because it gave him an opportunity of expressing to Sir Henry, on his behalf as well as theirs, how greatly they appreciated his work in the cause of education. As a member of the Education Committee of the Lancashire County Council he (the speaker) had been able to realise to even a greater extent than they how valuable were those services. Education was not really an abstract term. It really meant the improvement of the mind and body so as to enable the student to give of his best to the world and enable him to attain success. Everybody must recognise the importance of the Harris Institute and the great work it was doing, and although he was chiefly concerned with agriculture, he was fully alive to the necessity of the work in other branches which was taken in hand by the Harris Institute.

He was sure the people of Preston had every reason to be grateful to the man who had left his money for this purpose, but it would have been of little use if they had not such men as Mr. Ascroft to come forward in the way he did, or without the assistance of such talented teachers to carry on the work, or even the determination of the students to profit to the utmost by the advantages thus placed before them—(applause).

Alderman Craven seconded. He trusted that the reception Sir Henry had met with and the cordiality of his welcome would remain a pleasant and abiding recollection. Continuation classes, he said, must be continuation classes in every sense of the word. No child should be allowed to run wild after leaving school. There should be no gap between the elementary and continuation school. The loss to the individual in such case was very great, but the aggregate loss to the nation was infinite. There existed in the Harris Institute classes and continuation classes in Preston an influence which might be taken advantage of and used with tremendous effect. It was true that to make continuation schools effective they must empower local authorities to make attendance compulsory.

The question of doing this had been considered by Sir Henry Hibbert as chairman of the County Council Education Committee. He found that in 1904 he sent to the Associated Chambers of Commerce a statement to form the basis of a memorial to the Government, advocating compulsory attendance of all scholars under 17 years of age. The Blackburn Chamber had also had the matter before them. It was to be hoped that this effort of Sir Henry would be pressed forward, as it must be to the best interests of every boy and girl on leaving their elementary school to be compelled to attend some continuation class or school—(hear, hear).

The motion on being put was carried.

In returning thanks Sir Henry said that he noted there were among the successful students some who came from his own district. He had their interests very much at heart, and he would watch their future with the hope that this learning might bear abundant fruit and lead them to live happy and useful lives—(applause).

The Mayor of Preston (Councillor Ord) proposed a vote of thanks to the chairman. They in Preston were very much indebted to Mr. Ascroft in connection with his work in secondary education, and he was sure they would never be able to properly repay him. Mr. Ascroft had told him that he and his father had been connected with the old Mechanics' Institute, and this showed how their chairman's whole life had been devoted to the cause. The corporate body had received much assistance from Mr. Ascroft, and they were

exceedingly proud of him, for not only the Corporation, but all Preston valued his work—(applausa).

Alderman Hamilton, who seconded, said he well remembered being asked by the Town Clerk to meet an emissary from the Board of Education, who had been sent to see what the Corporation of Preston was doing in regard to secondary education. But this gentleman was greatly surprised when the Corporation asked Mr. Ascroft to meet him and explain the work that was being carried on. The Government Department had no cognisance of such endowments as the Harris Institute. In the Government returns the only sums placed to the credit of Preston were £1,500 given to the Harris Institute and a small sum which was spent on the Grammar School. Consequently they knew nothing of the great work which had been done and was being done by the Harris Institute.

The motion was carried.

Mr. Ascroft, in returning thanks, said such work as he was performing in connection with secondary education was a pleasure. He was glad to see the splendid results that were accruing from such an institution—(applause).

The singing of the National Anthem brought the proceedings to a close.

List of Prizes and Certificates

AWARDED TO STUDENTS ATTENDING THE CLASSES AT THE HARRIS INSTITUTE, SESSION 1905-1906.

SPECIAL HONOURS GAINED DURING SESSION 1905-1906.

ART.

Banister Ruth.—Highly commended in National Competition.

Burton, Wm. E. B.—Works retained in London for Exhibition ; also King's Prize, £2.

Haydock, Josephine.—Works retained in London for Exhibition.

Revel, John D.—Exhibition in Royal School of Art, London. (1st in Kingdom).

Simm, William.—King's Prize, £2. Highly commended in National Competition.

Sinclair, Donald.—Highly commended in National Competition.

SCIENCE.

Buckley, W. H.—P.T. Centre. Matriculation, Victoria University.

Crosby, B. C.—P.T. Centre. Matriculation, London and Victoria Universities.

Cowperthwaite, William.—First position in Lancashire and Cheshire. (Theoretical and Practical Chemistry).

Harrison, Ernest.—Agricultural Day School. Honours. Agriculture and Rural Economy, and King's Prize.

Houghton, Clara.—P.T. Centre. Matriculation, Victoria University.

Houseman, James B.—£45 Science Scholarship.—King's Prize.

Kirby, Cicely M.—Day School. Matriculation, Edinburgh University.

Kirkman, T. B.—Day School. Preliminary Dental.

Raynor, H. H.—P.T. Centre. Inter. Science, University of Wales.

Winchester, J.—P.T. Centre. Inter. Science, University of Sheffield.

Wright, Charles A.—Whitworth Exhibition (£50) for 3 years, and King's Prize.

TECHNOLOGY.

Holden, A. W.—2nd Position Honours Grade in Great Britain for Electric Light and Power Distribution. Prize from Goldsmiths' Company and Bronze Medal from City and Guilds of London.

Eastham, B. H.—1st Ordinary in Great Britain for Boiler Making. Silver Medal from City and Guilds of London.

AGRICULTURAL.

(National Diploma, Part 2).

Harrison, Ernest.—1st in Great Britain. Gold Medal and Honours.

Fisher, John.—Honours.

Bond, Jas. R.—Honours.

Rimmer, Thomas,—Honours.

COMMERCIAL.

Duerden, Harry.—1st Position in Lancashire and Cheshire. (Commercial Correspondence).

Houseman, James B.—2nd Position do. (English).

Hughes, Hubert W.—3rd Position do. (English).

Rose, Philip.—3rd Position do. (Technological).

Harold Rigby, who was awarded the £45 Harris Art Scholarship, has had the honour of one of his Etchings being hung in the Royal Academy.

SCIENCE.

All Students obtaining First Class awarded Scholarship and Prize.

PRACTICAL PLANE AND SOLID GEOMETRY.

STAGE 1.

FIRST CLASS : Dandy Chas., Haslam Francis, Pinder Fredk. N., Tomlinson Hubert L., Simpson Joseph, Hodson Harry, Buck Albert Ed., Turner Thomas, Unsworth Wm. W., Elliott Thos., Vernon Chas., Ayres Geo. H., Duckworth Wm., Garnett John, Taylor Thomas, Whitehead Wm., Souden Fredk.

SECOND CLASS : Waring Thomas, Holden John, Chowns Albert H., Roberts Reginald, Parkinson John M., Kay Robert, Yates Leo, Hill John B., Yates Joseph, Ainsworth Harold T., Pickering Arthur, Turner John, Goward A.

STAGE II.

FIRST CLASS : Renwick Joseph A., Ogden Dennison.

SECOND CLASS : Southworth Harry, Jones John H., Cox William J.

STAGE III.

SECOND CLASS : Wright Charles A.

MACHINE CONSTRUCTION.

STAGE I.

FIRST CLASS : Goward Albert, Duckworth Thomas, Elliott Thomas, Whitehead Wm., Vernon Chas. N., Berry Wm., Redfern Hbt., Taylor Thomas,

Garnett John, Ayres Geo. H., Stewart Rbt. B., Benson Chas., Newsham Wm. P., Duckworth Rd. B., Willan Sydney, Robinson Joseph, Kelsey John, Lund Rbt. B., Sumner Thomas, Butcher Charles, Orme Samuel, Atkinson Hy., Wilson Percy, Sanderson John E., Smalley James, Souden Fredk.

SECOND CLASS: Walker Wilfred, Gillham Geo. C., Trafford Fred, Worden Arthur W., Fisher Sydney, Pearson John S., Thompson Sydney, Hassall John H., Barlow Rbt. G., Moizer Clifford, Holliday Thomas, Lewis Fredk. N., Mitchell Thomas, McKay Norman, Wright Matthew W., Seed Wm. P., Bond Fred., Milner Horace W., Chowns Albert H., Jamieson John A., Giblin John, Williams Philip, Booth John H., Harrison Chas. E., Damiel James, Walker Arthur.

STAGE II.

FIRST CLASS: Renwick Joseph A., Breakell James, Brown Herbert F., Southworth Alf., Ormerod Horace B., Rae John, Duckworth Henry, Shakeshaft Fred., Wood Fredk., Hull John, Barrett Albert Ed.

SECOND CLASS: Coupe Roger, Jones James, Norris John, Hornby Thomas, Beardsworth James B., Smith John, Seed Wm., Moss Frank, Shuttleworth John, Howard Wm. H., Sanderson Rbt., Duckworth Wm., Rae John H.,

STAGE III.

FIRST CLASS: Dickinson Geo., Eastham Bertie H., Wright Chas. Arthur.

BUILDING CONSTUCTION.

STAGE I.

FIRST CLASS: Saul Thos. P., Harding John, Thornbarrow James, Welch Richard, Mason Thomas,

Dandy Charles, Wilson Harold G., Turner Thomas J., Richardson John H., Malley Ernest C., Cheetham Henry, Gwynn Frank A., Burslem Charles F., O'Neill Herbert.

SECOND CLASS: Hesketh Albert, Holmes Arthur, Crawshaw Richard, Coupe William, Muncaster Sydney, Ramsbottom Chas., Wheeler Ernest, Livesey Thomas, Duckworth Walter, Fleming Thos. B., Gill John, Helme Ernest, Iddon Percy, Holden Henry S., Spencer Harry, Chrystall Chas. R., Ainsworth Harold T., Hill John B., Poole John, Rawcliffe John, Walker Chas. A., Pilkington Edward, Wilding Fredk., Dickson Fredk. S.

STAGE II.

FIRST CLASS: Waring Henry, Heywood Reginald, Muncaster Robt. H., Roberts Reginald, Cross Cyril J., Pinder Fredk. N., Duckworth A. J., Duckett Richard.

SECOND CLASS: Foley Herbert, Stevenson Richard H., Norris W. A., Humber R. W., Hargreaves Herbert, Goring Francis, Coward Richard, Gardner Geo. F., Elliott Norman, Simpson Joseph, Barker Albert, Hodson Harry, Rawcliffe W. S., Nowell Samuel, Foster Thos., Hunt Thos., Bennett Geo., West Hy., Tomlinson A. R., Royles Richard C.

STAGE III.

FIRST CLASS: Parkinson Edwin.

SECOND CLASS: Hull Hugh W., Townley Peter, Sandham Benj., Taylor W., Samuels Harold.

HONOURS.

SECOND CLASS: Bailey Thomas R.

MATHEMATICS.

STAGE I.

First Class : Coates John, Lynch John, Aveline Enid, Gore Eliz., Patterson Thomas, Crossley Ellen, Seed Amelia, McIlwaine Margt., Iddon Alice, Fraser Sarah, Sutherland Geo.

Second Class : Wilkinson Ed., Jackson Geo., Whitwell Alice, Wignall Marion, Baines Nellie, Breakell Florence, Ayres Geo. H., Houghton Clara, Critchley Ellen, Fazackerley Sarah, Glaister T. H., Lloyd Wm., Richards Frank, Watkinson Nicholas.

STAGE II.

First Class : Collins Estyn S. M., Fitchie David, Wilson Sydney J.

Second Class : Parkinson Eliz., Guest Harold, Taylor Wm., Heywood Reginald, Ayres Geo. H., Renwick Joseph, Bellamy Gilbert, Cookson W. W., Hall Thomas, Howarth Fred., Lovelace Pauline, Iddon Harold, Taylor Chas., Wignall Rd. H., Crozier Hy. C., Watson Geo., Snelham Robt. D., Crosby Berkley, Wilkinson Thomas, Rigby Edward C.

STAGE III.

Second Class : Worsley Geo., Houseman James B.

STAGE V.

Second Class : Wright Chas. A.

PRACTICAL MATHEMATICS.

STAGE I.

First Class : Thompson Sydney, Allsup Wm., Lucas Leonard, Hassall John H., Elliott Thomas, Berry Rbt., Redfern Herbert, Whitehead Wm., Duckett John J., Huggin Wm.,

Cahill Michael, Mason Thomas, Sandham Benj., Gardner T. F., Barnes Thomas, Robinson Wm., Rigby James, Sumner John, Collins Estyn St. C. M.

SECOND CLASS: Crook Fred, Wheeler Wm., Kelsey John, Pilkington Herbert, Robinson Joseph, Miller Rd. G., Plant Albert Ed., Smith John F., Rae John, Ormerod H. B., Bleasdale Wm., Barnes Oswald, Dickinson Geo., Derham Arthur C., Ogden Benj., Lucas Percy.

STAGE II.

FIRST CLASS: Garnett John, Souden Fredk., Moss Frank, Whalley Benj., Southworth James.

SECOND CLASS: Duckworth Hy., Duckworth Wm., Barlow Rbt. G., Goward Albert, Vernon Chas. N., Ayres Geo. H., Taylor Thomas, Dale John S., Eastham Bert., Cox Wm. J., Seed Wm., Rigby Wm., Sumner John K., Brown Herbert F., Renwick Joseph A.

STAGE III.

FIRST CLASS: Wright Chas. A.

SECOND CLASS: Shakeshaft Fred., Barrett Albert E., Walton Seth.

THEORETICAL MECHANICS (SOLIDS).

STAGE I.

FIRST CLASS: Shakeshaft Fred., Rimmer Thomas, Harrison Ernest, Rae John H., Walton Seth, Coupe Roger.

SECOND CLASS: Taylor John W., Hassall John H., Hull John, Duckworth Thomas, Bond James R., Fisher John, Berry Wm.

STAGE II.

SECOND CLASS: Wright Chas. A., Cookson Wm. W.

THEORETICAL MECHANICS (FLUIDS).

STAGE I.

SECOND CLASS: Howarth Fredk., Coupe Roger.

STAGE II.

SECOND CLASS: Cookson William W., Wright Chas. A.

APPLIED MECHANICS.

STAGE I.

FIRST CLASS: Shuttleworth J., Duckett J. J., Kelsey J., Whitehead W., Duckworth R. B., Barnes T., Mason T., Ayres G. H., Wood F. F., Souden F. H., Garnett J., Fisher J., Harrison S., Bond J. R., Robinson E. L., Vernon C. N., Duckworth W.

SECOND CLASS: Plant A. E., Southworth A., Barnes O., Rigby J., Marginson W., Taylor T., Goward A., Thompson S., Anyan A. G., Saunders Chas., Elliott Thomas, Barlow Robt. G.

STAGE II.

FIRST CLASS: Whalley B., Rigby W., Beardsworth J. B., Southworth Jas., Brown H. F., Alty H., Barrett A. E.

SECOND CLASS: Eastham B. H., Berry W., Foster J. H., Shakeshaft F., Worden W., Dickinson G., Seed W., Hull J., Rae J. H., Sanderson R., Duckworth T., Coupe R.

STAGE III.

SECOND CLASS: Wright Chas. A.

SOUND, LIGHT, AND HEAT.

STAGE I.

FIRST CLASS: Shakeshaft Fred., Souden Fredk. H., Evans John, Brown Robt. C., Woods A.

SECOND CLASS : Rae John H., Walton Seth, Barmby Emma, Shannon Margt., Taylor John W.

HEAT.

STAGE II.

FIRST CLASS : Wright Chas. A.

SECOND CLASS : Walton Seth, Smith Allan, Sanderson Robt., Shakeshaft Fred., Duckworth Thomas.

MAGNETISM AND ELECTRICITY.

STAGE I.

FIRST CLASS : Lucas Leonard, Allsup Wm., Hassall John H., Taylor John W., Miller Rd. G., Moore Keith, Ellis Percy C., Garstang Tom, Smith Geo. F., Cookson John.

SECOND CLASS : Taylor Thomas, Cook Fred., Barlow Robt G., Lucas Percy, Ayres Geo., Cocking Frank, Heywood Reginald, Collinson Fred., Chadwick Albert, Bannister Wm. A.

STAGE II.

FIRST CLASS : Wright Chas. A., Evans John A., Mayor Fred, Corless Jas., Shakeshaft F., Barrett A. E., Berry Wm., Walton Seth.

STAGE II.

SECOND CLASS : Cookson Wm., Sanderson Robt., Rae John H., Duckworth Thomas, Bilsborrow Edwd., Woods Alfred.

STAGE III.

SECOND CLASS : Smith Allan.

THEORETICAL INORGANIC CHEMISTRY.

STAGE I.

FIRST CLASS : Holmes R. P., Adamson R. L., Hilton J., Guest H., Sutherland C., Brewer Fredk., McCann J., Whittaker F., Rigby E. C., Wilson S. J., Metcalf F., Ashley A. M., Ibbotson G. F., Sutherland Geo., Houghton Clara, Wilkinson Thomas, Howarth Fred., Cross James, Crossley Ellen, Iddon Harold, Hall Thos. N.

SECOND CLASS : Mullineaux J. H., Holmes J. R., Clarkson A. H., Hunter E., Laidman H., Snelham Robert, Watson Geo., Fraser Sarah A., Iddon Alice, Critchley Ellen, Allsup M., Croasdale T. H., Curwen S., Kilroe F., Helme J. M., Kilroe P., Rogers S. G., Brentnall A. S., Thompson D., Curwen C., Pomfret W. B., Vaughan Margaret.

STAGE II.

SECOND CLASS : Dundon P., Houseman J. B., Freeman Daniel L., Simpson Hy.

HONOURS.

SECOND CLASS : Cowperthwaite Wm.

PRACTICAL INORGANIC CHEMISTRY.

STAGE I.

FIRST CLASS : Guest H., Collins E. S., Croasdale T. H., Brewer Fredk., Laidman H., Allsup M., Busby J., Brentnall A. S., Holmes R. G., Metcalf F., Hyde N. B., Ashley A. M.

SECOND CLASS : Clarkson A. H., Pomfret W. B., McCann J., Adamson R. L., Nolan J., McVay J., Curwen Claude, Helme J. M., Sutherland C., Kilroe P., Kilroe F., Mullineuax J. H., Moore K. H., Bellamy E. D., Thompson D., Holmes J. R., Freeman D. L., Ibbotson G. F., Vichoff N. C., Lawrence A., Whittaker F., Rigby Edward.

STAGE II.

First Class : Brown H. F., Openshaw O. B., Llewellyn Arthur S., Freeman Daniel L., Mayor F., Houseman J. B., Cookson W. W.

Second Class : Thompson Wm., Barton Harold D., Donkin Samuel, Deakin S. W., Arnall A., Hilton James, Bellamy G. D., Jackson A. C., Cocking Frank, Dundon P.

STAGE III.

Second Class : Cowperthwaite William, Hargreaves Jas.

GEOLOGY.

STAGE I.

First Class : Vichoff Noel C.

Second Class : Ibbotson Geo. F., Donkin Samuel, Thompson William, Openshaw Oswald B., Barton Harold D., Metcalfe Francis, Ingram Edmund.

STAGE II.

Second Class : Freeman Daniel L., Llewellyn Arthur S.

BOTANY.

STAGE I.

First Class : Holliday H., Houseman L. C., Whitewell M. E., Cartmell E., Vichoff N. C., Metcalf F., Donkin S., Ibbotson G. F.

Second Class : Garstang J., Gardner W. L., Walmsley M., Thompson Wm., Deakin S. W., Curwen C., Freeman Daniel L., Mart A. M., Brentnall A. S., Whittaker F., Openshaw O. B., Barton Harold D.

STAGE II.

Second Class : Llewellyn Arthur S.

STEAM.

STAGE I.

FIRST CLASS : Souden Fredk. H., Ayres Geo. H., Redfern Herbert, Whitehead Wm., Taylor Thomas, Garnett John, Duckworth Wm., Woods Fredk., Vernon Chas. N., Dickinson Geo., Gardner Thomas F., Wilsdon John J., Moss Frank, Plant Albert E., Cahill Michael.

SECOND CLASS : Barlow Robt. G., Goward Albert, Elliott Thomas, Crook Walter, Worden Arthur, Barnes Oswald, Derham Arthur C., Pope Alan.

STAGE II.

FIRST CLASS : Sanderson Robt., Dale John S., Shakeshaft Fred., Whalley Benj., Beardsworth Jas. B., Eastham Bertie, Duckworth Hy., Brown Herbert F.

SECOND CLASS : Coupe Roger, Foster John H., Renwick Jos. A., Duckworth Thomas, Berry Wm., Barrett Albert Ed., Rae John H.

STAGE III.

FIRST CLASS : Wright Chas. A.

SECOND CLASS : Cox William J.

PHYSIOGRAPHY.

STAGE I.

FIRST CLASS : Worsley G., Houghton C., Wignall R. H., Sutherland G., Crossley E., Hall F. N., Simms Sharon, Robinson Edith, Lloyd John.

SECOND CLASS : Wilson S. J., Critchley E., McIlwaine M. G., Cross J., Snelham R. D., Rigby E. C., Wilkinson T., Taylor C. B., Watson G., Ianson J., Crosby B. C., Byers Amelia, Craven Leo., Shephard Thomas.

SECTION I.

PASS : Howarth F., Gabbott A., Seed A., Livesey E., Fraser S. A., Iddon A., Iddon H., Maymon Clara, Nowell Frances, Jones Lilian.

HUMAN PHYSIOLOGY.

STAGE II.

SECOND CLASS : McCourty C. M., Townend Annie.

AGRICULTURAL SCIENCE AND RURAL ECONOMY.

STAGE I.

FIRST CLASS : McWilliam Allan S., Marsh Thomas D., Freeman John, Kellett Thomas.

SECOND CLASS : Walsh Margt., Rimmer John, Newton Wm., Mart Gladys M., Harrison Cuthbert, Rayner Alice M.

STAGE II.—SECTION A.

FIRST CLASS : Bond James R., Fisher John, Harrison Ernest, Rimmer Thomas, Wilson John, Anyan Annie G.

SECOND CLASS : Bland Geo. R., Robertson Amy, Ingham Edmund, Vichoff Noel, Ibbotson Geo. F., Ashley Alice M., Holmes Roger P., Holmes James R., Thompson Dorothy, Cartmell Edward, Staniforth Robt. W., Simpson Alfred, Whittaker Fred., Curwen Claud, Metcalf Francis, Hyde Norman B., Bluhm Cyril, Saunders Chas., Robinson Esther L., Podmore Fredk., Kilroe Alfred.

STAGE II.—SECTION C.

FIRST CLASS : Bland Geo. R., Sugden Wm., Podmore Fredk. J., Rimmer Thomas, Harrison Ernest, Robinson Esther L., Fisher John, Bond James R.

SECOND CLASS : Kilroe Alfred, Bluhm Cyril, Saunders Chas., Thompson William.

STAGE II.—SECTION D.

SECOND CLASS: Podmore Fredk., Kilroe Alfred, Bluhm Cyril, Rimmer Thomas, Staniforth Robert W., Bland Geo. R.

STAGE II.—SECTION E.

FIRST CLASS: Harrison Ernest, Bond James R., Fisher John.

SECOND CLASS: Saunders Chas.

STAGE II.—SECTION F.

FIRST CLASS: Robinson Esther L.

HYGIENE.

STAGE I.

FIRST CLASS: Dixon Jas., Smith Mary, Smith Nora W., Shepherd Thomas, Jones Fredk., Gilbert Nancy, Smith H. M., Windsor Hilda M., Willmoth A. M.

SECOND CLASS: Wilson H. J., Noble C. A., Armstrong E. A., Jones Lilian, Helme Arthur, Harrison Ellen M., Hebblethwaite Arthur, Lloyd John, Ainley Annie H., Fox Ethel, Chapman F. M., Robinson E. A., Atkinson J., Leech Edith, Sharples Margt., Petrie Ruby, Latham Annie, King Cissie, Hayes M.

STAGE II.

FIRST CLASS: Pinck Annie K. D.

SECOND CLASS: Brewer Fred. E., Hull John, Stazicker Henry.

ELEMENTARY SCIENCE OF COMMON LIFE.

STAGE I.

FIRST CLASS: Freeman J., Petrie R. E., Sharples M., Robinson A. E., Smith H. H., Willmoth A. M.

SECOND CLASS: Harrison C., Kellett T., Latham A., Howson M., Rayner A. M., Ainsworth M. A., Freeman G. M., Ainley A. H., Bland W., Marsh T. D., Rimmer J.

SCHOOL OF ART.

BOARD OF EDUCATION EXAMINATIONS.

* *Scholarship Awarded.*
† *Scholarship and Prize Awarded.*

GEOMETRICAL DRAWING.

FIRST CLASS : †Easterby Margt., †Jump Ethelwyn V., †Simm William.

SECOND CLASS : Sharples Fredk. W., Casson Amy, Flatley Thomas, Worthington Hannah, Milner Mary E., Noble C. Alice, Armstrong Edith A., Bryning Frances M., Bellamy Bertha D., Banister Ruth M., Burton Wm. E. B.

FREEHAND DRAWING.

FIRST CLASS : *Brooke Leonard, Simm Wm., *Samuels Harold, *Sharples Fredk. W., *Clarke M., *Bellamy Bertha, *Nelson Sarah E., *Casson Amy, Pickles Winifred M., Sidgreaves Beatrice, Hay Elizabeth, *Margerison Leslie, Richards Frank, Revel John D., †Burton Alban, Sexton Grace G., *Garnar Wm. T., Banister Ruth, Easterby †Margt., Rogerson W., *Duckett Margt. M., *Cottam Winifred.

SECOND CLASS : Mashiter Geo., Worsley Geo., Heaton Sarah, Watson Geo., Hall Thomas N., Clarkson C. A., Standing Robt. S., Kenyon Thomas W., Crook Marie, Flatley Thomas, Helme Allen C., Siddle Harold, Cooper Sydney T., Joyce Agnes, Watkinson N., Bentley Thomas H., Wilkinson Thomas, Fallows Caroline, Crozier Hy. C., Iddon Harold, Howarth Fred., Roberts J. L., Wignall R. H., Nicholls W. A., Crick Elsie, Crossley Ellen, Hughes Gertrude,

Holmes Mary, Potter Thomas, Crosby Berkley C., Lowe Hugh S., Derbyshire Herbert, Chapman Emma, Blacklidge Annie, Woods Harry, Culshaw Thomas, Dean Alfred, Skews Edith, Reid Isabel, Derham Arthur, Shaw Beatrice H., Varley John, Pickering Arthur, Fletcher Edith, Smith Albert, Smith Mary, Garth Margt., Myerscough Josephine, Ward Lily, Lamb Madge, Casson Emma, Eastham Alyne, Jones Kath., Addison Edith, Houghton Clara, Fazackerly Sarah, Blacklidge Ernest, Wilson S. J., Urquhart Frances, Lees Monimia, Patterson Annie, Cunliffe Ida, Richardson M.

MODEL DRAWING.

First Class : Sexton Grace G., *Livesey Lilian, Revel John D., Simm Wm., Blackledge Ernest, Howarth Fred., Wilson Sidney, Cookson Geo., Jump Ethelwyn, *Burrows Wm., Billington Wm. S., *Haslam Francis, Burton Alban, Mashiter George.

Second Class : Chapman Emma H. S. A., Yates Annie M., Samuels Harold, Derbyshire Herbert, Plumb Harold, Worsley Geo., Kellett Thomas, Fletcher Edith, Catterall Ethel, Potter Thomas, Armstrong Edith A., Richards Frank, Eastham Alyne, Crozier Hy. C., Wignall Rd. H., Bellamy Bertha, Varley John, Newton Wm., Crosby Berkley C., Marland Jas. W., Turner Lily, Shepherd Thomas A., Lloyd John, Clarkson C. W., Rimmer John, Heaton Sarah, Flatley Thos., Richmond Frank, Crook Marie, Spencer Alice, Crick Elsie, Wilkinson Thomas, Easterby Margt., Banister Ruth M., Glaister T. H., Ianson Jas., Tomlinson H.

DRAWING IN LIGHT AND SHADE.

First Class : Nelson Sarah, Revel John D., Simm Wm., Sexton Grace G.

SECOND CLASS : Pilling Wm., Duckworth Joseph, Bellamy Bertha D., Baines Sarah M., Myerscough Josephine, Sharples Fredk. W., Duckett Margt. M., Hall Thomas, Aveline Annie E., Banister Ruth M., Easterby Margt., Rogerson Winifred, Lees Monimia, Urquhart Frances, Longbottom Randolph, Cookson Geo., Clarke John M., Varley John, Burton Alban, Lovett Margt., Nicholls Wm. A.

DRAWING COMMON OBJECTS FROM MEMORY.

SECOND CLASS : Hay Wm. R., Wiseman Edith M., Sinclair Donald.

DRAWING FROM LIFE.

EXCELLENT : Revel John D.

FIRST CLASS : Simm Wm., Sinclair Donald.

PAINTING FROM STILL LIFE.

FIRST CLASS : Revel John D., Simm Wm., Sinclair Donald, †Wiseman Edith M., Jump Ethelwyn V., Martin Bertha.

SECOND CLASS : Rogerson Winifred, Wilson-Greene Edith, Burton Wm. E. B., Chapman Emma H. S. A.

PRINCIPLES OF ORNAMENT.

SECOND CLASS : Revel John D.

PAINTING ORNAMENT IN MONOCHROME.

FIRST CLASS : Simm Wm., Revel John D.

SECOND CLASS : Banister Ruth M., Easterby Margt., Burton Wm. E. B., Hay Wm. R., Burton Alban, Burrows Wm., Marland J. W., Sinclair Donald.

HISTORIC ORNAMENT.

FIRST CLASS : Revel John D.

SECOND CLASS : Sinclair Donald.

PERSPECTIVE.

First Class : †Haydock Josephine M., Revel John D.

Second Class : Duckworth Joseph, Rogerson Winifred M., Easterby Margt., Samuels Harold, Simm, Wm.

DRAWING THE ANTIQUE FROM MEMORY.

First Class : Revel John D.

Second Class : Simm William.

ARCHITECTURE.

First Class : *Bailey Thomas R., Revel John D.

Second Class : Burton Wm. E. B., Parkinson Edwin.

ARCHITECTURAL DESIGN.

Second Class : Rigby Sidney E.

DRAWING FROM THE ANTIQUE.

First Class : Simm Wm., Revel John D., *Hay Wm. R.

Second Class : Burton Alban, Easterby Margt., Wiseman Edith M., Brooks Leonard, Burrows Wm. Sinclair Donald.

MEMORY DRAWING OF PLANT FORM.

First Class : †Bryning Frances M., †Lees Monimia, Burton W. E. B., Simm Wm., Haydock Josephine M.

Second Class : Rogerson Winifred, Hay Wm. R., Easterby Margt., Urquhart Frances, Jump Ethelwyn.

ANATOMY.

First Class : Revel John D.

Second Class : Simm Wm.

DESIGN.

STAGE I.

First Class : Sexton Grace G., Bryning Frances, Easterby Margt., Banister Ruth, Burton W. E. B., Varley John.

SECOND CLASS : Jump Ethelwyn, Lees Monimia, Rogerson Winifred, Urquhart Frances G.

STAGE II.

FIRST CLASS : Revel John D., Sinclair Donald.

SECOND CLASS : Burton Alban, Hay Wm. R.

MODELLING DESIGN.

FIRST CLASS : Revel John D.

SECOND CLASS : Marland Jas. W., Sinclair Donald, Simm Wm.

Result of Examination of Works submitted in 1906 for the Art Teacher's Certificate and Art Master's Certificate.

Banister Ruth M.	14-22	A.C.T.C.
Bowdler Margaret	5a	do.
Do. do.	5b	do.
Bryning Frances	5a	do.
Burton Wm. E. B.	1a	do.
Easterby Margaret	10	do.
Haydock Josephine	23c	Group I.
Do. do.	23a	do. (2 sheets)
Lees Monimia	5b	A.C.T.C.
Rogerson Winifred	5a	do.
Do. do.	14-22	do.
Do. do.	1a	do.
Sexton Grace	5b	do.
Simm William	23a	Group I. (3 sheets)
Do. do.	22e	Group I.
Do. do.	9a	Group III. (2 sheets)
Sinclair Donald	1c	Group I.
Do. do.	22e	do.
Urquhart Frances G.	5a	A.C.T.C.

SPECIAL ART PRIZES.

Studies from Nature—

1st, Margaret Easterby.
2nd, Ruth M. Banister.

Shading from the Cast—

1st, Monimia Lees.

Figure from Life—

1st, Wm. Simm.

Details of the Figure—

1st, Wm. R. Hay.

Designs for Textiles—

1st R. L. Adamson.
2nd, Wm. T. Garnar.

Designs for Square, Circle, and Rectangle—

1st, Winifred Rogerson.

Designs for Specific Purposes—

1st, Leonard Brooks.
2nd, Josephine M. Haydock.

Painting Still Life—

1st, Edith M. Wiseman.

Modelled Study—

1st, Rd. Nicholson.

Architectural Drawing—

1st, Wm. Simm.

Special Prize for Antique Head—

1st, Ruth M. Banister.
— Wm. E. B. Burton.

UNION OF LANCASHIRE AND CHESHIRE INSTITUTES.

EXAMINATION RESULTS, 1906.

†*Scholarship and Prize Awarded.*

* *Scholarship Awarded.*

SHORTHAND.

SPEED.

120 WORDS : Pickering Edward, Kitchen Wm. J.

100 WORDS : McCann Edmund, (2nd) Rogerson Clara, Rattle Alfred.

80 WORDS : Charnley Wm. H., Dearden W. H., Fitchie David, Houghton Hy. C., McGraw James, Wareing John, Whittle Ed.

60 WORDS : Pimley Geo. H., Pye John, Roberts Robt., Saul Frank, Atkinson Walter, Bolongaro Jas. D., Butterfield Arthur, Chadwick Edwin, Patterson Mabel, McCourty Monica, Charnley Thos., Coupe Roger, Kilshaw Jenny, Cross John, Cunningham Rd. A., Dixon W. Wm., Fazackerley Jas. H., Fielding Joseph, Gill Thomas E., Gorst Robt., Hayes Wm., Heatley Thomas, Hothersall Jas. E., Iredale Sidney, Jump J. Harold W., Lawton Arthur, Marshall Frank, Morris Harold, Myerscough Thomas, Pinless Frank, Turner Thos., Winn Fredk., Armstrong Lilian, Dewhurst Eliz., Hunt Helen, Ward Mildred, Williamson Ed., Whittle Thos., Hunt Margt., Gainer Fred. Hirst Margt. L.

THEORY—ELEMENTARY.

PASS : Baines James, Billington Sydney, Bourn Jonas, Crane Wm., Crook Fred, Dalton Wm. M., Eastham Fredk., Fleming Fredk., Jolly John W., Hardman Hy. M., Higginson Walter, Nicholls Frank D., Ralphs John A.,

Swift John, Walmsley Percy, Richards Daisy, Wilson Hubert.

ADVANCED.

PASS : Boardwell Rd. B., Clarke Milbourne, Cuerden Hy., *Cumming Wm. Hy., Dewhurst John, †Edwards Russell, Hopkinson Samuel, *Jackson Thos. H., Kirby Jas. A., †Martin Fredk., Melling Thos., Moffatt David, *Oddie Thos., O'Grady James, Rea Hbt. H., Terry Wm., Watson John W., Wilding Roger, †Dickinson Ethel, †Walmsley Bertha, †Walmsley Mabel, *Seed Bertie.

TYPEWRITING.

SECOND CLASS : Smith Violet M.

PASS : †Boardwell Rd. B., Brown John, Elbourne Herbert B., Howarth Robt. F., Baines Helena, Smith Edith.

ARITHMETIC.

SENIOR COMMERCIAL.

FIRST CLASS : †Cleland Hugh.

SECOND CLASS : Haworth Thomas, Lawton Arthur, Shaw George, Worthington Rd., Yates Lily.

PASS : Clitheroe Thomas, Kerfoot Ed. M., Kisby Reginald S., McGraw James, Ward Frank.

JUNIOR COMMERCIAL.

FIRST CLASS : *Harkness John, *Jackson Jas. N., *Johnson Christopher, *Myerscough Thomas, *Ramshaw Alfred, *Reid John W., *Rice David H., †Sandham Frank, †Wilkinson Robt., †Petty Mary, *Prescott Alfred.

SECOND CLASS : Beetham Frank, Gill Albert, Heatley Thos., Hindson Herbert, Iredale Sydney, Knowles Wm. N., Lancaster Robt., Lund Wm., Mercer Francis, Oakey Harry, Potts Rd., Quick Ignatius, Whalley Thomas.

PASS : Clarke Melborne, Dearden Wilfred H., Edwards Russel, Garth Albert, Gorst Robt., Green John Hy., Grime Wm., Hodson James, Houlding A. F., MacIvor E., Porter Benj., Roberts Geo., Walmsley Geo., Ward Thos., Whitehead Joseph, Whittle Ed., Wilkinson Wm., Williams Alfred S.

ELEMENTARY.

FIRST CLASS : *Baines Jas. S., †Bashall Edward, *Carey Lawrence, *Cookson John S., *Hayes Thos., †Higginson Walter, †Whitehead Hy., *Walls Mabel.

PASS : Brindle John, Cookson Thomas, Dewhurst Joseph, Heaton John, Hodson John, Hoyle Wm. E., Hulme Harry, Mayor James, Milner Ernest, Mitchell David, Pilkington Wm., Rae H. H., Smith Wm. H., Strickland Hy., Swift John, Walker John, Whalley Frank, Winders John W., Johnson Wm., Wilkinson Wm.

WORKSHOP MATHEMATICS.

ADVANCED.

FIRST CLASS : (Distinction) Barrett A. E., Berry Robt., Berry Wm., *Dickinson Geo., Duckworth Wm., *Fletcher Geo. H., *Gardner T. F., Garnett John, Hull John, *Landolt F. B., Lucas Leonard, *Norris Norman, Rae John H., Sanderson Robt., Shakeshaft Fred., Taylor Thomas, Walton Seth, *Whalley Benj., Whitehead Wm.

FIRST CLASS : Ayres Geo. H., Allsup Wm., Barlow Robt. G., *Barnes Oswald, *Brown Robt. C., *Duckett John J., Duckworth Thomas, *Huggin Wm., *Kelsey John, *Ormerod Horace B., Rae John, *Rigby James, *Robinson Wm. B., *Sumner John, Vernon Chas., *Whalley John, *Wheeler Wm., *Wood Fred F.

SECOND CLASS : Barnes Thos., Bilsborrow Ed., Derham Arthur C., Woods A., Elliott Thos., Foley John, Goward Albert, Hassall John H., Heppell Stanley, Law James, Lucas Percy, Lund Robt., Ogden Thomas M., Pilkington Herbert, Poole Edgar, Sandham Benj., Souden Fred. H., Thompson Sydney.

PASS : Berry Ernest, Blackoe Henry, Bleasdale Wm., Breakell James, Gillham Geo. C., Miller Robert, Norris John L., Robinson Joseph, Smalley James.

ELEMENTARY.

FIRST CLASS : *Worsley John J., †Wright Matthew, *Yardley A., *Westhead J. H., *Whitehead Percy, *Worrell Frank, *Roe Wm., †Singleton John, *Smethurst Jas. A., †Smith John P., *Tomlinson Hugh L., *Trafford Fred, *Tullis Douglas, *Turner T. J., *Unsworth Wm., *Rigby Thos., *Roberts David, †Rose Philip, †Abbott Philip, *Ashton Rd., *Atkinson Hy., *Booth Hugh, *Brown Thos., *Booth John, *Buck Albert, *Cookson John, †Cottam Jas. T., *Dandy Chas., *Fiddler Thos., *Forshaw Thomas, †Goring John, *Harrison Chas. E., *Holland Wm. H., *Holt Wm. C., †Hughes John, *Jamieson J. A., *Knight Jas., *Martin Ernest, *Myerscough Hy., †Oddie John, *Orme Samuel, *Pilkington T. W., *Preston Joseph, *Ramsbottom Rd.

SECOND CLASS : Anderton Wm., Bailey R. T., Bannister Allan, Boonham Samuel, Cartmell John M., Cookson Jas., Cooper Chas. B., Crook Fred, Crook Walter, Dawson Joseph, Downham Ernest, Gardner Wm. R., Green Fred, Hodgkinson Geo. H., Hogarth Wm., Holmes Arthur, Kay Robert, Moizer Clifford, Murray Fredk., Monk Wm. C., Robinson James, Robinson John, Salter Robert, Stewart Robert B., Thompson Wm., Worden Wm.

PASS : Attwater Harry, Baldwin Geo., Barton John W., Beardsworth Fred, Blanchflower John, Bond Fred, Bridge Hy., Buck Geo. A., Cheetham Hy., Cookson Jas., Cox Wm., Crawshaw Rd., Friend James, Green John, Hamer Joseph, Monks James, Ridding Ernest, Sanderson John E., Snelham Arthur, Spencer Hy., Welsh Thos., Wilson R., Yates Albert Ed.

ALGEBRA.

FIRST CLASS (with distinction) Allsup Wm. (31), Berry Wm. (80), Brown Robt. C. (91), Cartmell Ed. (41), Craven Rd. A. (41), Hassall John H. (31), Lucas Leonard (91), Lynch John (41), McWilliam A. S. (53), *Patterson Thos. (41), †Smith Geo. (80), Woods Alfred (31), Rayner Alice M. (80), *Aveline Annie (15).

FIRST CLASS : Barrett Albert E., Berry Robt., Bilsborrow Ed., †Hindle Albert D., *Jackson James N., Kirkman Ed., Poole Edgar, Rae John H., Rimmer John, *Threlfall Andrew, Walton Seth, *Webb Geo., *Gore Eliza, *Houghton Clara, *Wignall Lottie.

SECOND CLASS : Anderton Wm. W., Bamber Francis, Clarkson Christopher W., Coupe Fredk., Duckworth Thos., Hamer Joseph, Harrison Cuthbert, Higginbottom Thos., Hull John, Jackson Geo., Kellett Walter, Lucas Percy, McGraw Jas., Quick Ignatius, Sanderson Robert, Shakeshaft Fred., Taylor Hy. J., Whitwell Mary E., Wignall Marion, Baines Nellie.

PASS : Ainsworth Harold T., Ashcroft Herbert, Hodson Chas., Duckworth Thos., Plumb Arthur, Simons Rd., Wilkinson Ed., Mart Gladys M., Reid Eliza, Whitwell Alice.

PRACTICAL DRAWING.

ADVANCED.

FIRST CLASS : Ayres Geo. H., Garnett John, Souden Fred. H., Taylor Thos., Whitehead William.

SECOND CLASS : Barlow Robt. G., Elliott Thos., Goward Albert, Hyde Norman, Redfern Herbert, Vernon Chas. N., Vichoff Noel C.

PASS : Metcalf Francis.

ELEMENTARY.

FIRST CLASS : Allsup Wm., Bailey John T., Berry Robt., Crook Fredk., Hassall John H., Holmes Roger, McWilliam Allan S., Marsh Thomas, †Pilkington Thomas W., †Rose Philip, Thompson Sydney E., Whittaker F.

SECOND CLASS : Westwood James, Whitehead Percy, Worden Wm., Ashton Rd., Bailey Rd., Beardsworth Fred., Bland Wm., Boonham Samuel, Booth Hugh, Bridge Hy., Cowell R., Curwen Claude, Daniel James, Downham Ernest, Forshaw Thomas, Freeman John, Holland Wm. H., Holmes Jas. R., Ingham Edmund, Kellett Thomas, Monk Wm. C., Myerscough Hy., Newton Wm., Oddie John, Poole Edgar, Ramsbottom Rd., Rawcliffe John, Rigby Thomas, Rimmer John, Singleton John, Smith John P.

THIRD CLASS : Abbott Philip, Ball James, Cartmell Wm., Cookson James, Cuerden Alfred, Dunderdale Wm., Fiddler Thos., Goring John, Gorton L. H., Harrison Cuthbert, Holt Wm. C., Lancaster Horace J., Martin Ernest, Metcalf Geo. R., Miller Robt., Park Francis J., Rae Wm., Roberts David, Simpson Jas., Slater Geo., Snelham Arthur, Stratten William, Whittle Jos., Wilson John, Worsley John J., Robinson Amy, Rogers S., Swift Lily.

GENERAL ELEMENTARY SCIENCE.

ELEMENTARY.

FIRST CLASS : Whitehead Wm., Woods Alfred, Young Nellie, Shannon Martha, Adamson Ed.,

Ashton Rd., Bilsborrow Arthur, Bilsborrow Ed., Booth John, Brown Robt. C., Garnett John, †Gillow Edmund C., Hassall John H., †Haworth Thos., Hull John, †Laidler Jas. W., Martin Ernest, †Monk Wm. C., Peak Cyril A., Rose Philip, †Tipping Hy. J., †Siddle Harold, †Smith John P., Taylor Thomas, Brentnall Ammye.

SECOND CLASS: Allsup Wm., Barclay Wm., Baron George, Baron Nicholas, Briggs Geo. F., Clarkson T. J., Corbishley Ralph, Culshaw Thos., Forshaw T., Hall James, Helme Chas., Kirkham Herbert, McDougall Fredk., Peak Henry, Postlewhite Rd., Quick Henry, Wareing John, Redfern Herbert, Vaughan Harold, Welch Thos., Worden Wm., Yates Frank C., Brennen L.

THIRD CLASS: Banks Robert, Mason Harold, Pomfret John, Rigby Ernest, Robinson J. H., Snaylam J. Wm., Tuer Geo., Williamson Albert, Fletcher Lily, Swarbrick Mabel.

ADVANCED.

FIRST CLASS: Ayres Geo. H., Berry Wm., Sanderson Rbt.

SECOND CLASS: Barrett Albert Ed., Goward Albert, Hull John, Shakeshaft Fred, Vernon Chas. N., Wilding Ernest S.

PASS: Berry Robert, Rae John H.

BOOKKEEPING.

ELEMENTARY.

FIRST CLASS: †Battersby Herbert, †Beardsworth Wm., *Donaldson Thomas, Elbourne Hy. B., †Gardner J. Francis, *Hayes Thos., *Hodgson Chas., Ibbotson Geo. F., *Knowles Wm. N., *Rounds Hugh, †Woods Thos. L., Ashley Alice M., *Beardsell Edith M., †Dewhurst Elizabeth F.

SECOND CLASS : Bagot John, Banister Jas., Blackhurst Arthur O., Bramley Wm., Brown Herbert A., Carter Robert, Cartmell Ed., Clarke Melbourne, Clitheroe Thos., Clucas Bruce, Crooks Wm., Cuerden Hy., Curwen Claude, Furnival Wm., Gardner Jas. H., Graham Leo., Higson James, Holmes Roger P., Houghton Thos. L., Hunter Rd., Hyde Norman B., Jackson Tom, Johnston Fraser, Lindsay Norman, Martin Fredk., Metcalf Francis, Morrison Wm. H., Murray Stephen, Pilkington John A., Platt Hiram R., Pomfret Walter, Ralphs John A., Roberts Geo., Simons Rd., Simpson Rd., Slater Ed., Sowerbutts Sydney, Thew Samuel, Ward Thos. E., Wareing Joseph, Whittaker Fred., Whittaker James, Wilding Ernest S., Wilkinson J., Brentnall Ammye, Rawlinson Elizabeth, Smith Violet M., Ward Catherine M.

PASS : Albrighton Jas. H., Armstrong Robert, Aspden John T., Bamber James, Barker Ernest, Barnes Edgar, Barnes James, Beardsworth Thos., Birkett Wm., Bond Robert M., Brown James, Brown John, Catterall John, Davies Benj., Edmondson John E., Fisher Cecil, Gill Thos. E., Grime Philip, Hacking Wm., Hamer Ernest, Hilton Geo. H., Hull Geo. T., Hunt Harry, Johnson Wm., Lawrence Arnold, Marland Colin, Marsden John R., Marshall Frank, Norris, Frank, Ogden Harold T., Pinless Frank, Plumb Arthur, Pomfret Christopher, Rae Herbert H., Rigby Ernest E., Thompson John, Threlfall Hy. B., Vichoff Noel C., White George, Woods Rd., Crook Mary J., Moss Eliza, Rhodes John, Burnett Mary H.

INTERMEDIATE.

FIRST CLASS : †Billing Arthur, †Neary Albert, *Robinson Herbert, *Swarbrick Hy., †Timperley Percy C., *Ashton Charles.

SECOND CLASS : Armstrong Geo. H., Bond James, Brandwood Ed., Carter Roger, Chaloner Albert Ed., Chainley Thos., Cook Robert, Gardner Leonard, Gregson Hy., Gregson Ignatius, Hampson Wm., Harwood Wm., Marsden Fredk., Mather John, Melling Thos., Pilkington Herbert, Place Alfred, Postlewhite Rd., Baron Rose, Saul Frank, Seed Bertie, Seed Geo. W., Slater James, Sowerbutts Thos., Sowrey James, Tubman James, Whittle Hy., Yates Rd., Ainsworth Martha, Ainsworth Mary, Bramley Ethel M.

PASS : Bedwell Wm. J., Boocock James, Boonham Samuel, Burgess James, Clarkson Thomas, Coward Wm., Eastham Fredk., Green Arthur, Harrison Rd., Helme Hy., Hird Geo. B., Johnson Hy., Lowe Fredk., Shaw John G., Threlfall Hy. M., Wignall Robert.

ADVANCED.

FIRST CLASS : *Bateman Christopher, †Lawton Arthur, †Nelson Harold, †Prescott Alfred, †Rawcliffe Fredk. A., †Smith Rodger, *Wareing Geo., *Whittaker Percy, Baines Helena, Cuming Harry.

SECOND CLASS : Chitson Geo. C., Roberts Robt., Robinson Hy., Sisson Edwin, Whittle J.

PASS : Carling Thos., Cocker Albert Ed., Hennessey B. J., Wareing John.

MUSIC.

ELEMENTARY.

FIRST CLASS : *Bannister Rd., *Barry Arthur, *Marsh Edward, *Slater Hy., *Taylor John E., *Armstrong Lilian F., *Corry Bertha, *Irving Ellen, *Price Ethel, *Sowerby Beatrice, †Whalley Florrie, *Wilson Emily, †Smails Alice.

PASS : Hosker Ed., Friendenthall Helena.

INTERMEDIATE.

FIRST CLASS : *Bradshaw Lily, †Clarkson Lilian (2), *Dickinson Annie, *Foster Annie, *Hodson Joseph.

SECOND CLASS : Knowles Herbert, Marsh Herbert, Martin Robert H., Eastham Lilian, Kellett Clara, Robinson Bertha.

PASS : Newsham Wm., Dixon Abigail, Pearson Nellie, Ryding Thos.

COMMERCIAL CORRESPONDENCE.

ELEMENTARY.

FIRST CLASS : †Duerden Hy. (1st), *Cuming Wm. H. (5th), *Fielding Joseph, *Goodman Joseph, *Hampson Wm., *Maymon Harold M., *Nightingale Joseph, *Porter John, †Williamson Ed. (3), Baines Helena, Smith Violet M.

SECOND CLASS : Ainsworth William J., Dimmock James, Edwards Russell, Elbourne Herbert, Hamer Ernest, Hargreaves John, Hunter Thomas, Kisby Reginald S., Porter Thomas G., Rawstorne Robert, Ramshaw Alfred, Lucas Martha, Sowerbutts Sydney.

PASS : Wareing Rd., Whalley Thos. P., Bashall Ed., Cardwell Norman, Cookson Hy., Eccles Wm., Green John H., Higginson Walter, Lonsdale James, Mayor James, Morcella Wm. P., Plumb Arthur, Simpson Rd.

ENGLISH.

ADVANCED.

FIRST CLASS : Houseman J. Bruce (2nd), †Hughes Hubert W., *Fish Edith.

SECOND CLASS : Lynch John, Thackwray Harold L., Gillings Violet.

THIRD CLASS : Threlfall Andrew, Wilkinson Thos., Eccleston Rose E.

ELEMENTARY.

FIRST CLASS : *Houghton Clara (2nd), *Carter Roger, *Chaloner Albert Ed., †Collins Estyn, *Hamer Ernest, *Heywood Reginald, †Kisby Reg. S., †Nelson Harold, *Webb George, *Wilcox John Edmund, *Hodgkinson Clara, †Riches Fanny.

PASS : Ainsworth Ernest, Boardwell Rd. B., Charnley Thomas, Hayes Chas. H., Hayes Frank, Hayes Wm., Jackson J. N., Pickering Edward, Porter John, Strickland Henry, Threlfall Thos. M., Ainsworth Mary, Dandy Margaret, Hodson Marguerite, Newbound Gladys H., Titterington Elsie.

FRENCH.

ADVANCED GRADE—LITERARY.

FIRST CLASS : †Parker Bertie.

SECOND CLASS : Alty Grace, Holt Hy. James, Johnston Thos., C., Worsley George, Parkinson Alice E.

PASS : Crosby Berkeley C., Holden Robt. A., Marsh Edward, Gorman Robert B.

INTERMEDIATE.

FIRST CLASS : †Craven Rd. A., Wilson Sidney J., Fletcher Edith.

SECOND CLASS : Dean Alfred, Houseman Jas. B., Shaw Geo. B., Taylor Chas., Austin Robt. B., Blackledge Olive, Cooper Mildred, Gore Elizabeth, Houghton Clara, Stevenson Florence M., Hughes Horace F.

PASS : McDonald John Hy., Nelson Wm., Souden Fredk. B., Garth Margt., Sanderson Susannah

ELEMENTARY.

FIRST CLASS : Iddon Harold, Tomlinson Hubert, Addison Edith, Archer Margaret, Atkinson Mabel, Coulthurst Maggie, Durham Janet, Gabbott Ann, Hill Lilian, McPhail Maud, Richardson Ethel, Richardson Margt., Patterson Annie.

SECOND CLASS : Bentley Thos. H., Chaloner Albert Edward, Crozier Hy. C., Harker Archie, Jackson Thos. H., Richards Frank, Ashcroft Sarah, Clarke Ethel, Cookson Edith, Cragg Alice B., Desmond Beatrice, Ellison Maud, Evans Emma, Fraser Gladys, Holmes Mary, Hulme Alice, Livesey Emily, Livesey Florence M., McGraw Margt., Malley Mabel, Massey Ann E., Maymon Clara, Maymon Mary, Pimley Edith B., Reid Eliza, Reid Isabel, Richard son Ada, Rounds Dorothy, Sanderson Eliza, Sharples Margt., Simms Sharon A., Skews Edith A., Studholme Hilda, Thompson Madge, Turner Bertha R., Wager Ethel, Ward Lily, Whittle Margaret.

PASS : Adams John, Howe Chas. Ed., Threlfall T. M., Austin Mary A., Bradshaw Mary E., Coupe Eliza, Crozier Jane E., Cunliffe Ida, Heaton Sarah, Holmes Dora, Hughes Gertrude, Kirkham Annie, Masheter Margt., Robinson Bertha H., Robinson Edith E., Rowe Margt., Tomlinson Elsie, Tuson Eliz., Wignall R. H.

GERMAN.

INTERMEDIATE.

SECOND CLASS : Marland Wm., Wilkinson Elizabeth.

PASS : Roe William M.

ELEMENTARY.

FIRST CLASS : †Seed Thomas.

LATIN.

ADVANCED.

PASS : Worsley George.

TECHNICAL.

CITY AND GUILDS OF LONDON INSTITUTE.

† *Scholarship and Prize Awarded.*
* *Scholarship Awarded.*

COTTON SPINNING.

ORDINARY—FIRST YEAR.

FIRST CLASS : †Rigby Thomas, †Howarth Thomas, †Allanson Francis, †Hoskinson Arthur, †Whalley John, †Carter James, †Bowdler Arthur R. H.

SECOND CLASS : Wadman Thomas W., Guest Thomas, Kirkham Herbert, Myerscough Hy., Pennington John, Topping George, Lund Wm., Welsh Thomas, Park Hy. G., Jolly Herbert.

ORDINARY—SECOND YEAR.

FIRST CLASS : †Halliwell Percy, †Bell Geo., †Bowdler Arthur R. H., †Wareing John M.

SECOND CLASS : Hoskinson Arthur, Monk Wm. C., Gill John, Tipping John A., Crozier Frank B.

HONOURS.

FIRST CLASS : †Whalley John (A), †Holden David (A), †Houghton Richard (A), †Whalley John (B), †Houghton Rd. (B), *Barton John W. (B).

SECOND CLASS : *Barton John W. (A), †Holden David (B), †Halliwell Percy (B), *Wareing John M. (B), †Bell George (B).

COTTON WEAVING.

ORDINARY—FIRST YEAR.

FIRST CLASS : †Forshaw Thomas, †Smith John P., †Finch Frederick, †Helm John, Healey Edward T.,

†Townley Robert, †Westhead James H., †Fryer Frank J., †Ryder Harry, Smith Gilbert H., †Slater Norman, †Haworth Thos., †Hodson Albert, †Houghton Ralph, †Martin Ernest, †Rose Philip.

SECOND CLASS : Jackson Wm., Preston Joseph, Moss Joseph, Dobson Joseph, Jackson Thomas, Threlfall Henry B., Mould Fred, Battersby Robert, Downham Ernest, Coates Harry, Holden Arthur, Pilkington Thomas N., Cookson James, Singleton John, Jackson Wm., Fisher John, Wright Jonathan, Bridge Henry, Beardsworth Fred.

ORDINARY—SECOND YEAR.

FIRST CLASS : †Blackburn Robert, †Abbott Philip, †Garnar William T., †Worden William, †Holt Wm. C., †Booth Hugh.

SECOND CLASS : Whitehead Wm., Stazicker Wm., Iddon Wm. E., Oddie John, Taylor Thomas, Mellor Wm., Bailey Rd. T., Westall Walter, Schofield Newton, Fiddler Thomas, Booth Arthur.

HONOURS—SECTION A.

SECOND CLASS : *Welch Joseph, *Adamson Robert L.

HONOURS—SECTION B.

FIRST CLASS : †Marland Thomas R.

SECOND CLASS : †Wright Thomas, *Woods Harry, *Richmond Harry.

PLUMBING.

PRELIMINARY.

PASS : *Baron George.

HONOURS.

FIRST CLASS : †Southworth Thomas, †Corbishley George.

SECOND CLASS : Cross Robert, †Mason Harold, Denley Chas., Pilkington James H., †Thacker Wm. F.

PLUMBER'S WORK.

ORDINARY.

PASS : †Miller Henry, †Southworth Ralph, †Pomfret John.

ORDINARY—PRACTICAL.

PASS : †Taylor Henry, †Sanderson Thomas.

PRINCIPLES OF PLUMBING.

ORDINARY.

PASS : †Billsborough Arthur, †Hull James, †Clarkson Fredk. J.

BOILER MAKER'S WORK.

HONOURS.

FIRST CLASS : Jones John H.

ORDINARY.

FIRST CLASS : Eastham Bertie H.

MECHANICAL ENGINEERING.

ORDINARY—PART I.

PASS : *Moss Frank, *Renwick Joseph A., *Kelsey John, *Rigby Wm., Duckworth Hy., *Beardsworth James B., Souden Fredk. H., *Worden Wm., *Mason Thomas, Ayres Geo. H., *Dickinson George, *Foster John H., Whitehead Wm., *Alty Henry, Goward Albert, Barlow Robert G., Wood Fred. F., Duckworth Wm., *Seed Wm.

ORDINARY—PART II.

FIRST CLASS : *Renwick Joseph A., *Worden Wm., *Dickinson Geo., Wood Fred. F., Duckworth William.

SECOND CLASS : Seed Wm.. Alty Henry, Whitehead Wm., Souden Fredk. H., Beardsworth James B., Duckworth Hy., Moss Frank.

ELECTRIC LIGHT AND POWER.

PRELIMINARY.

PASS : *Harrison Thomas, Ayres Geo. H., Smith Allan, Duckworth Wm., Souden Fredk. H., *Kerr Wm. F., Sanderson Robert, Barrett A. Ed., Wood Fredk. F., *Burton Wm., Garnett John, *Cahill Michael, *Pope Allan, Campbell J. A. C., *Cahill Joseph, Brown Herbert F., Vernon Chas. N., *Walker Wm., Taylor Thomas, *Landon Geoffrey H., *Worden Wm.

ORDINARY.

FIRST CLASS : †Shakeshaft Fred.

SECOND CLASS : Reid Ernest A., Brown Robert C., Nelson Anthony, Campbell John A. C., Berry Wm., Bilsborrow Ed., Brown Herbert A., Longton Harold, Landolt Fredolin B., Woods Alfred, Walton Seth.

HONOURS.

FIRST CLASS : Holden Arthur W.

BRICKWORK.

ORDINARY.

FIRST CLASS : †Nowell Samuel, †O'Neill Herbert, †Taylor Wm., †Parkinson Edwin, †Roberts Reginald, †Sandham Benj.

SECOND CLASS : Swift Thomas, Gwynn Frank A., Pinder Fredk. N.

HONOURS.

SECOND CLASS : Allen John J.

MASONRY.

ORDINARY.

FIRST CLASS : †Sandham Benj., †Gwynn Frank, †Roberts Reginald, †Parkinson Edward.

SECOND CLASS : Nowell Samuel, O'Neill Herbert, Pinder Fredk. N.

CARPENTRY AND JOINERY.

ORDINARY.

FIRST CLASS : †Fleming John J.

SECOND CLASS : Gardner George F., Lamb Arthur, Goring Francis, Livesey Thomas, Beaver Peter, Coward Rd., Hunt Thomas, Ogden Dennison, Parkinson John M., Bateson Thomas, Duckworth Alfred J., Cottam Joseph T.

SOCIETY OF ARTS EXAMINATIONS.

RESULTS, 1906.

** Scholarship and Prize Awardrd.*

BOOKKEEPING.

FIRST CLASS : *Sisson Edwin.

SECOND CLASS : Baines Helena, Bateman Christopher, Chitson Geo. C., Cocker Albert Ed., Cuming Harry, Nelson Harold, Pilkington Herbert, Prescott Alfred, Rawcliffe Fredk., Swarbrick Henry, Threlfall Thomas M., Whittaker Percy, Whittle John.

FRENCH.

SECOND CLASS : Parker Bertie, Johnson Christopher.

PUPIL TEACHERS' SCHOOL.

Prizes awarded to the following :—

PREPARATORY.

CLASS A.

Gabbott Ann, McGraw Margt., Livesey Emily, Archer Margt., Sidgreaves Nellie.

CLASS B.

Reid Mary, Morphy Kathleen, Davidson Caroline.

FIRST YEAR PUPIL TEACHERS.

Blacklidge Olive, Coulthurst Maggie, Cragg Beatrice, McPhail Maud, Richardson Ethel, Livesey Florence, Wilson Sydney J.

SECOND YEAR PUPIL TEACHERS.

Crosby Berkley C., Houghton Clara, Worsley George, Fraser Sarah.

KING'S SCHOLARSHIP EXAMINATION.

APRIL (1906).

First Class : McIlwaine Margaret.

DECEMBER (1905).

First Class : Fletcher Edith.

SCHOOL OF DOMESTIC SCIENCE,

GLOVER'S COURT.

EXAMINATION RESULTS, 1905-1906.

BOARD OF EDUCATION DIPLOMA.

COOKERY.

FIRST CLASS: Burrows Marie, Pownall Lilian, Wilding Lilian, Fowler Dorothy, Ward Florence, Brocklehurst Mary, Kirkman Eliz., Freeman Gertrude.

SECOND CLASS: Leech Mabel, Mann Lily, Smith Marie.

LIVERPOOL DIPLOMA.

LAUNDRY.

FIRST CLASS: Robinson Aileen, Ward Florence, Brocklehurst Mary, Burrows Marie, Fowler Dorothy, Leech Mabel, Pownall Lilian, Wilding Lilian, Cockshott Dora, Clegg Eliz., Seddon Lucy, Collinson Constance, Windsor Hilda M., Sharples Margt., Singleton Ada.

SECOND CLASS: Mann Lily, Scowcroft Eva.

HOUSEWIFERY.

FIRST CLASS: Burrows Marian, Leech Mabel, Wilding Lilian, Kirkman Eliz., Glen-Bott M. A., Cockshott Dora.

SECOND CLASS: Mann Lily.

ST. JOHN AMBULANCE.

FIRST AID.

PASSED: Chapman Maude, Fox Ethel, King Cissie, Leech Edith, Latham Annie, Robinson Aileen, Seddon Lucy, Singleton Ada, Sharples Margt., Windsor Hilda M., Egerton Ruth, Holden Jane, Butcher Eliz., Davies Nellie, Gibson Jane, Maudsley Alice, Preston Edith, Wilkinson Sarah, Quinn Margt.

MEDALLIONS GAINED: Brocklehurst Mary, Burrows Marion, Freeman Gertrude, Harris Polly, Mann Lily, Wilding Lilian, Tyrer Ellen.

SICK NURSING CERTIFICATES.

Seddon Lucy, Windsor Hilda M., Latham Annie, Robinson Aileen, Willmoth Agnes, Ainley Annie, Butterfield Alice, Butcher Eliz., Egerton Ruth, Gibson Jane, King Cissie, Leech Edith, Maudsley Alice, Preston Edith, Quinn Margt., Singleton Ada, Sharples Margt., Wilkinson Sarah, Leigh Mary.

LANCASHIRE AND CHESHIRE UNION OF INSTITUTES.

MILLINERY.

FIRST CLASS: Duckworth Florence, Nickson Annie, Richardson Queenie, Smith Edith, Strickland Lily, Taylor Annie, Fryer Ellen, Ward Margaret A., Ward Nellie.

SECOND CLASS: Eltrington Eliza, Frodsham Nellie, Leigh Mary A., Livesey Isabel, Nickson Margaret, Roberts Maud A., Whittle Polly.

PASS: Nickson Elizabeth.

DRESSCUTTING.

ELEMENTARY.

SECOND CLASS: Billington Mary, Kennedy Eveline.

PASS: Bingham Ann.

INTERMEDIATE.

FIRST CLASS : Walmsley Martha, Wright Violet, Butler Alice, Fawcett Annie, Hardman Ethel, Hothersall Ellen, Loftus Beatrice, Lonsdale Nellie, Turner Bessie, Tyrer Margaret E., Whiteside G. E.

SECOND CLASS : Price Edith, Sandham Edith, Simpson Clara, Whiteside F., Booth M., Brown Isabella, Carter Nancy, Fawcett Clara, Hall Alice, Heaton Edith A., Hodson Laura, Knight Millicent, Milner Margt., Parkinson Annie.

PASS : Helm Lizzie, McClarman Mary, Park Lilian.

ADVANCED.

FIRST CLASS : Coxhead Elizabeth, Dandy Margt., Dewhurst Edith, McCourty May.

COOKERY.

THEORETICAL.

FIRST CLASS : Dilworth Clementina, Hampson Alice, Wilcock Carrie.

SECOND CLASS : Fish Eliza, Gillgrass Mary A., Gornall Jennie, Hodgson Mary, Hodson Mary A., Howard May, Mitchell Martha, Park Annie T., Riding Isabel.

PASS : Kay Lena, Norman Eliza, Quinn Margt. Smith Edith, Wiggins Ellen.

PRACTICAL.

FIRST CLASS : Riding Isabella.
(with distinction)

FIRST CLASS : Hampson Alice, Gornall J., Smith Edith, Hodgson Mary, Hodson Mary A., Howard May, Kay Lena, Mitchell Martha, Norman Eliza, Park Annie T.

SECOND CLASS : Dilworth Clementina, Fish Elizabeth, Gillgrass Jane, Wiggins Ellen, Quinn Margaret, Wilcock Cissie.

LOCAL EXAMINATION RESULTS.

† *Scholarship and Prize Awarded.*

* *Scholarship only Awarded.*

SHORTHAND.

ELEMENTARY.

FIRST CLASS : †Brown Ernest H., *Calderbank Andrew, *Chadwick Arthur, *Clarke John, *Clarke John, *Cooper Sydney, *Coupe Fredk., *Dowbiggin Christopher, †Evans Charles, *Gornall James, *Hunt Harry, *King Jos., †Laing Alexander J., *Lawson Chas., *Lund Thomas, *Makin Wm., *Mills Chas., *Moss Hy., *Muncaster John, †Parker Anthony, †Pickering Fredk., *Riboldi George, †Smalley Maude V., *Smith Thomas, *Sumner Albert, *Torrance E., †Turner John E., *Whittle James, *Widdowson Ida, *Woodruff Arthur, *Worthington Harold, *Yardley David.

SECOND CLASS : Albrighton James H., Allsup Wm., Arnall Arthur R., Atherton Arthur, Atherton Fred, Bamber Elizabeth, Barker Wm. H., Barlow Wm. H., Barlow Andrew, Barrow William Beardsworth Thomas, Bennett Thomas, Blacow Norman N., Bradshaw Charles, Brown John, Cooper Wm., Desmond Arnold, Dewhurst Joseph, Hall Wm. G., Harrison Richard, Haynes Albert, Hodson Charles, Jackson Harry B., Jackson Tom, Kirkham Edward, Lancaster Robert, Mapp Emily M., Myerscough William, Newsham Fred, Nicholson Wm. J., Parker John, Parkinson Arthur, Pickles Rufus, Rhodes John, Seed Lillie, Smethurst Thomas H., Smith Emma, Sowerbutts Sydney, Sowerbutts William, Wareing Joseph, Watts Herbert, Webster Thomas, Whieldon Edith, Whieldon Jessie, Whittle Florence, Winder Annie.

THIRD CLASS : Barton Wm. H., Boocock J., Carter Leonard, Clarkson Robert C., Dempsey Arthur, Eaton Bessie, Gilbert S. S., Gregson Ignatuis, Hacking W., Hardley Lawrence, Haydock Samuel, Morrison Wm. H., O'Carroll Geof., Smith Alice, Smith Ernest, Smith Marian, Thornton John H., Whittle Clive, Whittle Ethel, Wilson John.

MUSIC (STAFF NOTATION, SINGING.)

ELEMENTARY.

*Miller Annie, *Bonney Margt. H., *Metcalf Edith, *Lucas Mabel, *Parkinson Edith A., *Allsup Mary, *Entwistle Mary, *Lillie Catherine, *Hind Wm. H., *Simpson Henry, *Pickles Arthur, *Hodge Jane, *Sergeant Margaret, *Pickles Anthony.

ADVANCED.

*Littlefair Edmund F., *Hartley Annie, *Farrington Agnes, *Pendlebury Mary E., *Milner Agnes, *Cleland Mary, *Sergeant Margt., *Sephton Isabel, *Hartley Jane, *Nowell Frances, *Ainsworth Fanny, *Pearson Hannah.

ELECTRICAL ENGINEERING CALCULATIONS.

FIRST CLASS : †Landolt F. B., †Woods Alfred, Smith A. (with distinction)

FIRST CLASS : Rae John H., Vernon C. N., *Wallis A., *Burton W. F., *Morse R. V., *Cahill Michael.

SECOND CLASS : Cowell R., Lucas L., Sanderson R., Berry W., Cahill J. B., Atkinson J. P., Whitehead W., Dewhurst H., Duckworth W., Duckworth T., Pope A.

THIRD CLASS : Bilsborrow E., Campbell J. A. C., Barrett A. E., Jackson T., Walker W., Brown H. F., Landon G. H., Huggin W., Hull John, Taylor T., Dewhurst W., Goward A., Worden W., Ayres G. H., Garnett J., Rayton J., Harrison T., Milner H. W., Elliott T., Barlow R. G.

TYPEWRITING.

FIRST CLASS : Boardwell R. B., Cuming W. H., Howarth R. F., Woan Wm.

SECOND CLASS : Walmsley M., Brown John, Pomfret Wm., Kilshaw J., Walmsley Bertha, Lindsay N., Barlow Andrew.

THIRD CLASS : Rogerson B., Oddie Thos., Whieldon E., Clarkson C., Hartley Thos., Whieldon J., Gorton Reginald, Kirby J. W., Burns J., Lillie P. H.

ELEMENTARY ART CONTINUATION CLASS.

†Derbyshire Herbert, †Fielding Joseph, †Swarbrick Elizabeth, †Culshaw T., †Higginson James, †Dixon Albert, †Duckworth J., †Kinnear James, †Park Annie T., †Yates Frank, †Bamber Bertha, †Dexter Gladys, *Ward T. E., *Gillow E. C., *Richmond Frank, *Elliott Wm., *Livesey Robert, *Walker Edwin, *McDougall F., *McCann Joseph, *Purves J., *Eccleston Joseph, *Brennan Louie, *Bourne Florence, *Hunter Lilian, *Sloan Wm., *Robinson John Harris, *Stratton William.

ENGINEERING DAY SCHOOL.

Scholarships tenable for three years awarded to the following :—

Attwater Fredk., Beardwood Arthur, Chadwick Albert Thos., Atherton John D., Gray John M.

Table showing the number of Students who sat for Examination in connection with the Board of Education at the Harris Institute, April, May, and June, 1906.

SUBJECT.	Harris Institute.	Externals.	Total.
ART.			
Geometrical Drawing	20	3	23
Freehand Drawing	145	18	163
Model Drawing	112	11	123
Drawing, Light and Shade	46	2	48
Perspective	10	..	10
Design	26	..	26
Drawing from Antique	14	..	14
Drawing Common Objects	8	..	8
Drawing from Life	7	3	10
Painting Still Life	10	..	10
Architecture	10	1	11
Architectural Design	7	..	7
Drawing Antique from Memory	5	..	5
Memory Drawing of Plant Form	13	..	13
Anatomy	3	..	3
Painting Ornament in Monochrome	12	..	12
Historic Ornament	3	..	3
Principles of Ornament	4	..	4
Modelling Antique	5	..	5
Modelling from Life	4	..	4
Modelling Design	9	..	9
SCIENCE.			
Applied Mechanics	58	..	58
Agriculture	66	..	66
Botany	25	..	25
Building Construction	100	..	100
Chemistry, Theoretical	67	..	67
Chemistry, Practical	58	..	58
Chemistry, Organic	3	..	3
Elementary Science of Common Life	26	..	26
Geology	19	..	19
Human Physiology	5	4	9
Heat	8	..	8
Hygiene	30	5	35
Machine Construction	98	..	98
Mathematics	66	2	68
Mathematics, Practical	83	..	83
Magnetism and Electricity	54	..	54
Physiography	34	2	36
Practical Plane and Solid Geometry	69	..	69
Steam and Steam Engine	53	..	53
Sound, Light, and Heat	10	1	11
Theoretical Mechanics	17	2	19
TOTALS	1422	54	1476

In addition to the foregoing Table, the following shows the number of Students of the Harris Institute examined in connection with other Classes —

City and Guilds of London :—

Electric Light and Power	70
Cotton Spinning	57
Cotton Weaving	80
Carpentry and Joinery	39
Plumbing	36
Brickwork and Masonry	22
Mechanical Engineering	55
	— 359

Society of Arts :—

Shorthand	6
Book-keeping	34
	— 40

Lancashire and Cheshire Union of Institutes :—

English	50
Latin	1
French	110
German	4
Arithmetic	112
Book-keeping	180
Commercial Correspondence	41
Carried forward	498

Brought forward	498
Shorthand	176
Typewriting	22
Algebra	74
Elementary Science	79
Practical Drawing	104
Workshop Mathematics	195
Music	31
Cookery	35
Dresscutting	35
Millinery	17
	—1266

Examined Locally :—

Music (Staff Notation)	32
Shorthand	99
Sick Nursing	19
Ambulance	29
Pupil Teachers' Classes	220
Electrical Engineering Calculations	45
School of Agriculture	380
Continuation Classes	50
Typewriting	21
Draughtsmanship	18
	— 913
TOTAL	2578

NAME OF CLASS.	OCT.		NOV.		DEC.		JAN.		FEB.		MARCH.		APRIL.		Number who sat for Examination.	Number Passed.
	No. on Reg.	Average attend-ance.	No. on Reg.	Average attend-ance.	No. on Reg.	Average attend-ance.	No. on Reg.	Average attend-ance.	No. on Reg.	Average attend-ance.	No. on Reg.	Average attend-ance.	No. on Reg.	Average attend-ance.		
SCIENCE.																
Applied Mechanics, Stage I.	38	32	38	30	32	25	38	21	38	24	38	23	38	23	a18	a13
Do. Stage II.	24	22	24	19	24	19	24	14	24	16	24	15	24	15	a17	a16
Do. (Practical) Stage II.	21	19	21	16	21	16	21	12	21	13	21	12	21	12		
Botany, Stage I.	11	11	12	10	12	10	12	9	12	9	12	9	12	9	a6	a6
Do. (Practical) Stage I.	9	9	9	7	9	8	9	7	9	7	9	6	9	6		
Biology, Stage I.	17	17	17	16	17	15	17	14	17	15	17	14	17	15		
Building Construction, Stage I.	90	83	91	80	91	71	91	69	91	68	91	64	91	62	a55	a38
Do. Stage II.	42	38	43	38	43	34	43	34	43	31	43	31	43	31	a32	a27
Do. Stage III. & Honours	19	16	19	17	19	17	19	13	19	13	19	13	19	13	a13	a7
Chemistry (Theoretical), Stage I.	60	59	62	56	62	52	62	50	62	50	62	51	62	50	a26 a17 PT	a19 a15 PT
Do. Stage II.	12	12	13	11	13	10	13	9	13	8	13	7	13	8	a7	a3
Do. Organic, Stage I.	10	10	10	9	10	8	10	8	10	7	10	6	10	7	a3	a0
Chemistry (Practical), Stage I.	48	47	50	48	50	46	50	42	50	40	50	39	50	38	a24	a22
Do. Stage II.	12	12	13	12	13	11	13	10	13	9	13	9	13	9	a9	a9
Do. Stage III.	3	3	3	3	3	3	3	3	3	3	3	3	3	3	a2	a2
Human Physiology, Stage I.	5	5	5	5	5	5	5	5	5	4	5	4	5	4	o2	a0
Do. Stage II.	4	3	4	3	4	3	4	3	4	3	4	3	4	3	a2	a2
Do. (Practical), Stage I. & II.	4	3	4	4	4	3	4	3	4	3	4	3	4	3		
Hygiene, Stage I.	35	34	37	35	37	33	37	30	37	30	37	30	37	30	a15	a15
Do. Stage II.	4	4	4	4	4	4	4	4	4	4	4	4	4	4	a3	a3
Machine Construction, Stage I.	196	164	196	145	196	132	196	112	196	113	196	112	196	114	a54 b104 d38 Mec Eng	a39 b86 d21 Mec Eng
Do. Stage II. & III.	21	17	21	15	21	14	21	11	21	11	21	12	21	11	a21	a18
Mathematics, Preliminary Stage	22	20	24	20	24	18	24	16	24	15	24	14	24	13	b71 a34 PT	b59 a27 PT
Do. Stage I. & II.)	61	59	61	58	61	52	61	48	61	45	61	44	61	45	a32	a22
Do. (Practical), Stage I.	66	57	66	54	66	54	66	47	66	47	66	46	66	44	a40	a26
Do. do. Stage II.	21	19	21	17	21	16	21	16	21	10	21	10	21	9	a15	a11
Magnetism & Electricity, Stage I.	40	36	40	36	40	29	40	29	40	32	40	31	40	30	a28	a12
Do. Stage II.	7	7	7	7	7	6	7	6	7	6	7	6	7	6	a7	a7
Do. (Practical), Stage II.	7	7	7	7	7	7	7	5	7	6	7	6	7	6		
Practical Plane & Solid Geometry, Stage I.	90	82	90	80	90	70	90	72	90	65	90	64	90	63	a49	a21
Do. do. Stage II.	7	7	7	7	7	6	7	6	7	5	7	4	7	5	a7	a6
Physiography, Stage I. (P.T.'s)	220	218	220	216	220	217	220	216	220	215	220	216	220	216	a26	a26
Do. Stage I.	*26*	*24*	*26*	*22*	*26*	*22*	*26*	*20*	*26*	*19*	*26*	*18*	*26*	*17*	*a8*	*a6*
Steam, Stage I.	*34*	*27*	*34*	*25*	*34*	*20*	*34*	*18*	*34*	*19*	*34*	*18*	*34*	*19*	*a15*	*a11*
Do. Stage II.	*28*	*25*	*28*	*22*	*28*	*19*	*28*	*19*	*28*	*16*	*28*	*17*	*28*	*16*	*a13*	*a8*
Do. Stage III.	*4*	*3*	*4*	*3*	*4*	*3*	*4*	*3*	*4*	*3*	*4*	*3*	*4*	*3*	*a4*	*a2*
Do. (Practical), Stage II. & III.	*27*	*21*	*27*	*21*	*28*	*16*	*28*	*20*	*28*	*17*	*28*	*18*	*28*	*17*		
Sound, Light, and Heat, Stage I.	*9*	*8*	*10*	*9*	*10*	*8*	*12*	*9*	*13*	*11*	*13*	*10*	*13*	*10*	*a6*	*a6*
Preliminary Science, Continuation Class.	*35*	*33*	*36*	*30*	*35*	*29*	*35*	*27*	*35*	*26*	*35*	*26*	*35*	*27*	*b79*	*b71*
Do. Textile & Plumbing	*68*	*54*	*69*	*50*	*69*	*43*	*71*	*44*	*71*	*40*	*71*	*39*	*71*	*38*		
Theoretical Mechanics, Stage I.	*4*	*3*	*4*	*3*	*4*	*3*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*a4*	*a3*
ART.																
Day Classes	*18*	*17*	*21*	*19*	*21*	*19*	*22*	*18*	*22*	*18*	*22*	*18*	*22*	*19*		
Evening Classes	*149*	*135*	*160*	*136*	*165*	*132*	*174*	*140*	*176*	*141*	*176*	*142*	*176*	*143*		
Modelling Classes	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*a472*	*a270*
Design (Textile)	*13*	*12*	*13*	*12*	*13*	*12*	*13*	*12*	*13*	*12*	*13*	*12*	*13*	*11*		
Blackboard Drawing	*33*	*30*	*33*	*30*	*33*	*30*	*33*	*30*	*33*	*30*	*33*	*29*	*33*	*28*		
Continuation Class	*90*	*87*	*98*	*90*	*98*	*86*	*98*	*80*	*98*	*77*	*98*	*76*	*98*	*76*	*c50*	*e44*
Pupil Teachers (Day)	*220*	*218*	*220*	*218*	*220*	*216*	*220*	*215*	*220*	*214*	*220*	*212*	*220*	*213*		
TECHNICAL.																
Brickwork and Masonry	*17*	*16*	*18*	*15*	*18*	*14*	*18*	*13*	*18*	*11*	*18*	*9*	*18*	*10*	*d10 12*	*d10 8*
Carpentry and Joinery	*66*	*66*	*66*	*61*	*67*	*58*	*67*	*56*	*67*	*53*	*67*	*50*	*67*	*49*	*d39*	*d13*
Cotton Spinning, 1st year	*37*	*25*	*37*	*34*	*37*	*30*	*37*	*27*	*37*	*27*	*37*	*28*	*37*	*27*	*d28*	*d17*
Do. 2nd year	*22*	*18*	*23*	*19*	*23*	*19*	*23*	*15*	*23*	*17*	*23*	*16*	*23*	*17*	*d14*	*d9*
Do. Honours	*14*	*11*	*14*	*13*	*14*	*11*	*14*	*11*	*14*	*11*	*14*	*10*	*14*	*9*	*d15*	*d11*
Do. Practical	*66*	*56*	*67*	*61*	*67*	*53*	*67*	*52*	*67*	*51*	*67*	*50*	*67*	*49*		
Cotton Weaving, 1st & 2nd year	*111*	*107*	*111*	*101*	*111*	*94*	*111*	*86*	*111*	*86*	*111*	*82*	*111*	*86*	*d70*	*d52*
Do. Honours	*21*	*19*	*21*	*18*	*21*	*14*	*22*	*14*	*22*	*13*	*22*	*13*	*22*	*13*	*d10*	*d6*
Do. Practical	*100*	*70*	*108*	*65*	*108*	*65*	*108*	*73*	*108*	*74*	*108*	*74*	*108*	*72*		
Plumbers' Work, Preliminary	*17*	*16*	*17*	*15*	*17*	*15*	*17*	*15*	*17*	*14*	*17*	*12*	*17*	*13*	*d13*	*d1*
Do. Ordinary Grade	*13*	*13*	*14*	*11*	*14*	*10*	*14*	*11*	*14*	*11*	*14*	*10*	*14*	*9*	*d16*	*d9*
Do. Honours Grade	*7*	*7*	*7*	*6*	*7*	*5*	*7*	*5*	*7*	*6*	*7*	*5*	*7*	*6*	*d7*	*d7*
Do. Practical	*22*	*17*	*21*	*14*	*21*	*11*	*21*	*12*	*21*	*9*	*21*	*9*	*21*	*8*		
Electric Light & Power, Preliminary	*27*	*23*	*27*	*23*	*27*	*16*	*28*	*19*	*28*	*18*	*28*	*17*	*28*	*17*	*d21*	*d12*
Do. Ordinary Grade.	*29*	*24*	*30*	*21*	*30*	*21*	*30*	*15*	*30*	*17*	*30*	*17*	*30*	*17*	*d18*	*d7*
Do. Honours Grade.	*9*	*8*	*10*	*7*	*10*	*7*	*10*	*6*	*10*	*5*	*10*	*5*	*10*	*6*	*d7*	*d1*
Do. Practical	*46*	*37*	*46*	*37*	*46*	*37*	*46*	*36*	*47*	*21*	*47*	*21*	*47*	*20*		
Electrical Calculations	*30*	*23*	*30*	*22*	*30*	*22*	*31*	*16*	*31*	*13*	*31*	*13*	*31*	*13*	*e45*	*e41*
Do. Mathematics	*8*	*5*	*8*	*4*	*8*	*3*	*8*	*3*	*8*	*3*	*8*	*3*	*8*	*3*		
Workshop Arithmetic	*218*	*195*	*218*	*175*	*218*	*156*	*218*	*133*	*218*	*133*	*218*	*130*	*218*	*129*	*b195*	*b173*
Draughtsmanship	*24*	*20*	*23*	*18*	*23*	*15*	*23*	*14*	*23*	*15*	*23*	*14*	*23*	*15*	*e18*	*e15*
Woodwork (Boys)	*200*	*196*	*200*	*195*	*200*	*195*	*200*	*190*	*200*	*180*	*200*	*190*	*200*	*190*		
SCHOOL OF DOMESTIC SCIENCE.															*Cookery b35*	*b34*
Continuation Classes	*471*	*460*	*471*	*449*	*471*	*449*	*471*	*430*	*471*	*420*	*471*	*400*	*471*	*370*	*D'm'ing b35*	*b35*
Teachers in Training	*32*	*32*	*32*	*32*	*32*	*32*	*32*	*32*	*32*	*32*	*32*	*32*	*32*	*32*	*Millin'y b17*	*b17*
															Ambul'ce 29	*26*
															S'k N'sing 19	*19*
Children from Elementary Schools	600	590	600	590	600	590	600	590	600	587	600	580	600	580		
Technical Classes	68	56	68	58	68	58	68	50	68	49	68	46	68	45		
Day Classes	126	119	126	118	126	117	126	110	126	105	126	100	126	101		
MISCELLANEOUS.																
Music (Rudiments)	29	24	29	25	29	18	29	20	29	20	29	21	29	21	b31	b30
Do. (Intermediate)	25	22	25	20	25	12	25	17	25	15	25	16	25	16		
Singing (Staff Notation)	57	53	58	52	58	40	59	36	59	34	59	33	59	30	c32	e26
Geography	16	15	16	15	16	14	16	12	16	10	16	8	16	9		
French, Elementary Stage	38	36	38	35	39	34	45	23	45	30	45	28	45	27	b110	b99 in. PT
Do. Advanced Stage	24	21	24	22	25	20	25	16	25	14	25	16	25	15		
Shorthand, Elementary Stage	127	120	128	115	128	109	128	98	128	101	128	102	128	101	c99	e97
Do. Advanced Stage	201	180	201	177	201	160	202	155	202	158	202	153	202	150	b176 c6	b136 c0
English, Elementary Stage	50	48	52	47	52	46	53	45	53	42	53	41	53	40	b50	b37
Do. Advanced Stage	14	12	14	12	14	11	14	10	14	10	14	10	14	9		
Do. (Certificate)	16	15	16	15	16	15	16	15	16	15	16	14	16	13		
Arithmetic, Elementary	46	40	46	36	46	35	46	33	47	34	47	33	47	33	b112	b80
Do. Advanced	99	89	99	80	99	75	100	68	100	62	100	61	100	60		
Book-keeping, Elementary	103	94	105	93	105	79	105	83	105	77	105	76	105	75	c34 b180	c16 b178
Do. Advanced	121	106	123	98	123	93	123	84	123	79	123	78	123	78		
Typewriting	29	27	29	28	29	28	29	26	29	25	29	24	29	24	b22 e21	b7 e20
Commercial Correspondence	49	40	50	42	50	35	51	35	51	33	51	34	51	32	b41	b37
German	17	16	17	15	17	14	17	13	17	13	17	12	17	13	b4	b4
Latin	6	6	6	6	6	5	6	4	6	4	6	4	6	4	b1	b1
SCHOOL OF AGRICULTURE.																
Agriculture	73	73	73	72	73	72	73	72	73	70	73	70	73	69	a66	a60
Agricultural Chemistry	15	15	15	15	15	15	15	15	15	15	15	15	15	15	e15	e15
Organic Chemistry	11	11	11	11	11	11	11	11	11	11	11	11	11	11	e11	e11
Theoretical Chemistry	58	58	58	58	58	58	58	56	58	55	58	56	58	54	a30	a21
Practical Chemistry	46	46	46	46	46	46	46	46	46	46	46	46	46	46	a23	a20
Book-keeping	62	62	62	62	62	62	62	60	62	59	62	58	62	58	c61	e59
Engineering	15	15	15	15	15	15	15	15	15	15	15	15	15	14	e14	e14
Veterinary Science	35	34	35	35	35	35	35	35	35	35	35	34	35	34	e34	e34
Drawing	48	48	48	48	48	46	48	46	48	46	48	45	48	45	e47	e46
English and Arithmetic	48	48	48	48	48	46	48	46	48	46	48	45	48	45	e48	e46
Physics	57	57	57	57	57	56	57	56	57	55	57	54	57	54	e57	e56
Algebra and Euclid	47	47	47	47	47	46	47	46	47	45	47	44	47	44	e47	e44
Surveying	31	31	31	31	31	30	31	30	31	30	31	30	31	30	e31	e29
Electrical Calculations	15	15	15	15	15	15	15	15	15	15	15	15	15	15	e15	e14
Botany, Biology, and Geology	58	58	58	58	58	56	58	56	58	55	58	55	58	54	a19 Geo a19 Bot	a10 Geo a15 Bot
DAY CLASSES.																
Chemistry (Cookery Students)	10	10	10	10	10	9	10	10	10	10	10	9	10	10	a13	a9
Hygiene do.	10	10	10	10	10	10	10	10	10	10	10	10	10	10	a12	a12
Applied Mechanics	14	13	14	13	14	14	14	14	14	14	14	14	14	14	a23	a22
Machine Construction, Stage I.	10	9	10	10	10	10	10	10	10	10	10	10	10	10		
Do. Stage II.	21	20	21	21	21	21	21	20	21	20	21	20	21	20	a23	a22
Magnetism & Electricity, Stage I.	12	11	12	11	12	11	12	11	12	11	12	10	12	11	a11	a8
Do. Stage II.	9	9	9	9	9	9	9	9	9	9	9	9	9	9	a8	a8
Do. Practical	21	20	21	20	21	20	21	20	21	20	21	20	21	20		
Mathematics	13	11	13	12	13	12	13	13	13	13	13	13	13	13		
Do. Practical, Preliminary	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
Do. do. Stage I.	13	11	13	12	13	12	13	12	13	12	13	12	13	12		
Do. do. StageII.	12	9	12	10	12	11	12	11	12	12	12	12	13	12	a28	a22
Mechanical Engineering, Stage I.	14	13	14	13	14	13	14	13	14	14	14	12	12	12		
Do. Practical	13	13	13	13	13	13	13	13	13	13	13	14	14	14		
Do. Stage II.	7	7	7	7	7	7	7	7	7	7	7	13	13	13		
Do. Practical	7	7	7	7	7	7	7	7	7	7	7	7	7	7	d17	d10
Electric Light & Power, Preliminary	15	15	15	15	15	14	15	14	15	15	15	7	7	7		
Do. Ordinary	9	9	9	9	9	9	9	9	9	9	9	15	15	15	d15	d10
Do. Practical	15	15	15	15	15	15	15	15	15	15	15	9	9	9	d9	d5
Practical Plane and Solid Geometry	13	13	13	13	13	13	13	13	13	13	13	15	15	15		
Steam	13	12	13	13	13	13	13	13	13	13	13	13	13	13	a13	a9
Sound, Light, and Heat, Stage I.	23	22	23	23	23	23	23	23	23	23	23	13	13	13	a21	a19
Heat, Stage II.	8	8	8	8	8	8	8	8	8	8	8	23	23	23	a4	a4
Sound, Light, and Heat, Practical	14	10	14	12	14	12	14	13	14	12	14	8	8	8	a8	a6
Theoretical Mechanics	16	15	16	14	16	13	16	15	16	15	16	11	14	12		
COMMERCIAL CLASSES.																
Book-keeping, Shorthand, Typewriting	16	15	19	18	20	19	20	18	20	17	20	16	16	16	a13	a12
PUPIL TEACHERS' CENTRE	..	..	..	..	..	..	..	..	..	..	..	18	20	17		
	6439	5986	6501	5854	6520	5595	6538	5518	6539	5517	6539	5193	6539	5243	4000	3109

Number of Individual Students, 3,987. a Board of Education. b Lancashire and Cheshire. c Society of Arts d City and Guilds. e Local.

1905.	Receipts.	£	s	d.	£	s.	d.
Sept. 30.—	To Balance in hand				57600	0	0
Dec. 31.—	,, County of Lancaster, 6 months' Interest (less tax), on £15,000, at 3½ per cent.	249	7	6			
	,, Do. do. on £14,000, at 3½ per cent.	232	15	0			
1906.							
Feb. 28.—	,, Corporation of Preston, 6 months' Interest (less Tax), on £5,000, at 3¾ per cent.	89	1	3			
	,, Do. do. on £7,000, at 3¾ per cent. and on £1,600 at 3½ per cent.	151	5	9			
Mar. 31.—	,, Do. do. on £15,000, at 3½ per cent.	267	3	9			
June 30.—	,, County of Lancaster, 6 months' Interest (less Tax) on £15,000, at 3½ per cent.	249	7	6			
	,, Do. do. on £14,000, at 3½ per cent	232	15	0			
Aug. 31.—	,, Corporation of Preston, 6 months' Interest (less Tax) on £5,000, at 3¾ per cent.	89	1	3			
Sept. 30.—	,, Do. do. on £15,000, at 3½ per cent.	267	3	9			
Aug. 31.—	,, Do. do. on £7,000 at 3¾ per cent., and on £1,600 at 3½ per cent.	151	5	9			
					1979	6	6
					£59579	6	6
	To Balance brought down	57600	0	0			
		£57,600	0	0			

December 19th, 1906.—Examined and found correct,
W. L. MOORE, F.C.A., Auditor.

Payments.	£	s.	d.
By Paid the Council of the Harris Institute, being Interest from Endowment	1979	6	6
,, Balance carried down	57600	0	0
	£59579	6	6
By Invested with Corporation of Preston— £16,000 at 3½ per cent., £12,000 at 3¾ per cent.	28600	0	0
Do. do. County of Lancaster, at 3½ per cent.	29000	0	0
	£57600	0	0

Exhibited, WILLIAM ASCROFT, J. H. HAMMOND,
FRANK HOLLINS, R. W. ASCROFT,
GEO. STEELE, H. CALVERT.
T. R. JOLLY, Secretary to Trustees.

HARRIS INSTITUTE.

RECEIPTS AND EXPENDITURE FOR THE YEAR ENDED SEPTEMBER 30TH, 1906.

RECEIPTS.	£	s.	d.	£	s.	d.
To Interest from Capital	1979	6	6			
Less—One-eighth of Scholarship Fund	247	8	4			
	1731	18	2			
,, FEES AND GRANTS :—						
Science Fees	225	11	0			
,, Grants	1184	6	4			
Art Fees	77	12	0			
,, Grants	262	13	7			
Technical Fees	101	19	0			
Cookery Fees	1120	8	4			
,, Grants	127	6	6			
P.T. Centre Grants, Arrears last year	34	8	4			
Commercial Fees	805	11	11			
,, Grants	227	17	0			
Analytical Fees	37	12	6			
Examination Fees (External)	9	5	6			
Grant—Corporation of Preston	1000	0	0			
,, County Council	650	0	0			
,, Advanced Students	92	0	0			
,, Board of Agriculture	150	0	0			
,, Income Tax returned (two years)	216	0	4			
,, Subscriptions	13	13	0			
				8068	3	6
,, Overdrawn, 30th September, 1906				1066	4	9
				£9134	8	3

PAYMENTS.	£	s.	d.
By Salaries of 57 Lecturers and Assistants at Institute and Technical School	4448	8	9
,, Salaries of 16 Lecturers and Assistants at Cookery School	734	3	8
,, Secretary, two Custodians, Engineer and Assistant, and Examiners	628	11	6
,, Alterations, Additions, and Repairs	139	11	4
,, Apparatus, Re-agents, Material for Trade Classes, Books, Life Studies, &c.	518	15	5
,, Printing and Stationery	136	4	10
,, Advertising	48	1	4
,, Lighting, Firing, and Water	398	14	1
,, Washing and Cleaning	156	5	10
,, Rates, Taxes, and Insurance	216	1	11
,, Examination Fees and Expenses	223	5	10
,, Distribution of Prizes	49	16	10
,, Expenses, School of Domestic Science	532	14	2
,, Travelling Expenses—Teachers for Selection and Agricultural Students to Farms	48	17	4
,, Miscellaneous Expenses	61	8	2
,, Paid on Account—Additions, Cookery School; New Windows, Art School; and Painting at Avenham Institute	216	13	11
,, Bank Charges	19	16	8
	8577	11	7
Due to Bank 30th September, 1905	556	16	8
	£9134	8	3

Cookery 1420000

December 19th, 1906.—Examined and found correct,
W. L. MOORE, F.C.A., Auditor.

WILLIAM ASCROFT, President.
THOMAS R. JOLLY, Secretary.

HARRIS INSTITUTE.

SCHOLARSHIP AND PRIZE FUND, YEAR ENDED 30TH SEPTEMBER, 1906.

RECEIPTS.	£	s.	d.	£	s.	d.
To Balance in hand, Sept. 30th, 1905				80	12	4
,, Amount transferred from General Account	247	8	4			
,, Board of Education.....	3	0	0			
,, Interest, less Commission	0	18	4			
				251	6	8
				£331	19	0
To Balance brought down, in the hands of the Bank	£27	16	6			

PAYMENTS.	£	s.	d.	£	s.	d.
By Free Scholarships to various Classes..	146	10	0			
,, Paid for Prizes	112	12	6			
,, Science Scholarship (Turner)	45	0	0			
				304	2	6
,, Balance in hand				27	16	6
				£331	19	0

December 19th, 1906.—Examined and found correct,
W. L. MOORE, F.C.A., Auditor.

THOS. R. JOLLY,
Secretary.

HARRIS INSTITUTE.

THORNLEY BEQUEST ACCOUNT, YEAR ENDED 30TH SEPTEMBER, 1906.

RECEIPTS.	£	s.	d.	£	s.	d.
To Balance in hand, 30th September, 1906				1239	19	2
,, Interest from Corporation				30	9	7
,, Bank Interest				3	12	10
				£1274	1	7
To Invested with Corporation of Preston	1000	0	0			
,, London City and Midland Bank	246	18	7			
	£1246	18	7			

PAYMENTS.	£	s.	d.
By Paid for Prizes to Artizan Students	27	3	0
,, Balance carried down	1246	18	7
	£1274	1	7

December 19th, 1906.—Examined and found correct,
W. L. MOORE, F.C.A., Auditor.

T. R. JOLLY,
Secretary.

AUDITOR'S REPORT, &c.

Harris Institute, Preston,
December 19th, 1906.

To the President and Council of the
Harris Institute, Preston.

Gentlemen,

I have examined the Accounts of the Harris Institute for the year ending 30th September, 1906, and have pleasure in certifying to their correctness and their accustomed neatness and order. Vouchers have been produced for all payments, and the securities for the Capital Investments have been produced to me. I have examined the Bank Pass Books, and am informed by the Bank's officials that the balances shown therein agree with the accounts in the books of the Banks at the close of the financial year.

Yours truly,
W. L. MOORE, F.C.A.

Harris Institute, Preston,
January 19th, 1907.

We, the President and Treasurer of the above Institute, certify, in accordance with Clause 5, Sub-section (c) of the Scheme, that the sum of One thousand nine hundred and seventy-nine pounds six shillings and sixpence has been reeeived by the Trustees as income from endowment for the year ending 30th September, 1906, and that such sum has been credited to the General Funds of the Institute.

WM. ASCROFT, President.
W. B. ROPER, Treasurer.

£1,979 6s. 6d.

LIST OF SUBSCRIBERS.

ASCROFT, Mr. W.

ASCROFT, Mr. R. W.

BOOTH, Mr. Y. W.

BROWN Dr. R. C.

BROCKHOLES, Mr. FITZHERBERT

CALVERT, Mr. H.

DICKSON, Mr. E.

ECCLES, Messrs. T. & Co.

FOSTER, Mr. J. Y.

GREENWOOD, Mr. E.

HEALEY, Mr. J.

ROPER, Mr. W. B.

STEELE, Rev. GEO.

HARRIS INSTITUTE,

PRESTON.

TWENTY-FIFTH

ANNUAL REPORT

AND

STATEMENT OF ACCOUNTS

FOR THE

YEAR ENDING 30th SEPTEMBER, 1907.

PRESTON :
ANDREW PARKER, PRINTER AND BOOKBINDER, AVENHAM STREET
1908.

HARRIS INSTITUTE, PRESTON.

Trustees.

Mr. R. W. Ascroft, M.A., B.C.L.
Mr. W. Ascroft, J.P.
Mr. H. Calvert.
Mr. J. H. Hammond, M.D., J.P.
Sir F. Hollins, Bart., J.P.
The Rev. Geo. Steele, M.A.

COUNCIL.

President.

Mr. WM. ASCROFT, J.P.

Vice-President.

The Rev. GEORGE STEELE, M.A.

Mr. R. W. Ascroft, M.A., B.C.L., J.P.
Mr. H. Bell, J.P.
Mr. Y. W. Booth, J.P.
Dr. R. C. Brown.
Mr. H. Calvert.
Mr. J. Connor.
Mr. H. Davies, J.P.
Mr. E. Dickson.
Mr. J. Y. Foster, J.P.
*Mr. Alderman E. Greenwood, J.P.
Mr. J. H. Hammond, M.D., J.P.
Sir F. Hollins, Bart., J.P.
*Mr. Alderman W. B. Roper, J.P.

Representing the Corporation of Preston.

Mr. Councillor W. Breakell.
Mr. Councillor D. W. Brown, M.D., M.R.C.S.
Mr. Councillor H. Cartmell.
Mr. Alderman J. C. Hamilton, J.P.
Mr. Councillor H. Mallott.
Mr. Councillor J. Rigg, M.B., C.M.
Mr. Councillor J. J. Rawsthorn.
Mr. Councillor C. White.

Representing the County of Lancaster.

Mr. W. E. Hale, C.C.
Mr. Philip Park, J.P.
Rev. L. C. Wood, B.A., C.A.

Representing Victoria University.

Professor Petavil (Manchester)
Professor Carey (Liverpool).

* These Members of the Council are on the Corporation of Preston.

Principal and Secretary.

T. R. JOLLY, F.C.I.S.

OFFICERS AND COMMITTEE, 1908.

GENERAL PURPOSES COMMITTEE.

Chairman: Mr. W. Ascroft. *Vice-Chairmen:* Mr. H. Davies and Mr. Ald. J. C. Hamilton.

All Members of the Council are on this Committee.

FINANCE COMMITTEE.

Chairman: Mr. Y. W. Booth. *Vice-Chairman:* Mr. E. J. Andrew.

Mr. R. W. Ascroft. | Mr. J. Y. Foster. | Mr. C. White.
Mr. W. B. Roper.

AGRICULTURAL COMMITTEE.

Chairman: Rev. L. C. Wood. *Vice-Chairman:* Mr. E. J. Andrew.

Mr. E. J. Andrew | Mr. J. Y. Foster. | Sir H. F. Hibbert.
Mr. H. Bell. | Mr. W. E. Hale. | Sir F. Hollins.
Mr. W. Fitzherbert Brockholes. | Mr. J. H. Hammond. | Mr. P. Park.

AVENHAM INSTITUTE COMMITTEE.

Chairman: Rev. Geo. Steele. *Vice-Chairman:* Mr. E. Dickson.

Mr. R. W. Ascroft. | Mr. H. Cartmell. | Professor Petavil.
Mr. Y. W. Booth. | Mr. J. C. Hamilton. | Dr. J. Rigg.
Dr. D. W. Brown. | Dr. J. H. Hammond. | Mr. W. B. Roper.

TECHNICAL SCHOOL COMMITTEE.

Chairman: Mr. E. Greenwood, *Vice-Chairman*: Mr. H. Bell.

Mr. E. J. Andrew. | Mr. H. Calvert. | Mr. J. Y. Foster.
Mr. Y. W. Booth. | Mr. J. Connor. | Mr. C. White.
Mr. H. Mallott.

DOMESTIC ECONOMY SCHOOL COMMITTEE.

Chairman: Dr. Hammond. *Vice-Chairman*: Dr. R. C. Brown.

Mr. W. Breakell. | Mr. E. Dickson. | Mr. W. B. Roper.
Dr. D. W. Brown. | Mr. J. Y. Foster. | Mr. C. White.
Mr. J. J. Rawsthorn.

SPECIAL COMMITTEE FOR TRAINING SCHOOL.

Mr. W. Ascroft. | Dr. J. H. Hammond. | Miss Ascroft.
Mr. W. Breakell. | Rev. Geo. Steele. | Miss Crane.
Dr. R. C. Brown. | Mr. C. White. | Miss Irvin.

The Presideut and Vice-President are on all Committees.

HARRIS INSTITUTE, PRESTON.

25th ANNUAL REPORT.

In presenting the Twenty-Fifth Annual Report, we are reminded that a quarter of a century has elapsed since the Institute assumed its present form, and became known by the familiar title which it bears. The Harris Institute of 1907 presents in many respects a vastly different aspect in its developed condition from what it presented in 1882. The instruction then was limited to very few subjects ; the Technical School and the School of Domestic Science did not exist ; and the average attendance, which now reaches no less than 5,839, then showed only 343. Moreover, the development in the quality of the work as tested by examinations and distinctions awarded, has kept pace, especially in recent years, with the increase of numbers in attendance. The last examination results have proved most satisfactory. The advanced work shows very remarkable progress, and the higher distinctions in all branches are specially gratifying and encouraging.

During the past autumn our much respected President was called to endure a heavy and unexpected trial in the death of his wife, after a singularly happy married life of very nearly 50 years. This sad event called forth the kindly feelings of many friends, who knew something of the admirable qualities exhibited by Mrs. Ascroft as wife and mother. More particularly it evoked the cordial sympathies of the Council, who felt themselves under special obligations to Mrs. Ascroft as the wife of our president and a long-proved friend of our Institute. For some time we feared that this bereavement might have the effect of depriving the Institute of the valuable aid and superintendence of its president. But we are thankful to find that this is not so, and that Mr. Ascroft is gradually resuming, though not without effort, his many public duties for the benefit of the town. We are sure

that we echo the feeling of every inhabitant when we express the hope that he may long be spared to promote the education of Preston.

The last returns show a slight decrease in average attendance as compared with the previous year. We must, of course, be prepared for a certain fluctuation, and we cannot expect to have a large increase of attendance every year, but the present diminution is satisfactorily accounted for by the fact that (1) the pupil teachers and preparatory students have been removed and transferred to the Park Secondary School, and (2) a test examination of all new applicants for admission to the Institute classes was held for the first time at the opening of the present session, in order to ascertain whether they were qualified, by showing a satisfactory amount of elementary education, to profit by the higher instruction of the Institute. This had the effect of keeping back a considerable number.

We call special attention to this new regulation, because it will probably prove of considerable importance as regards the future working of the classes. Up to the present time it has, year by year, been a matter of complaint that pupils presented themselves whose general attainments were so meagre and unintelligent that little or no benefit resulted from what they were taught, while at the same time they were a constant discouragement to the teacher and a hindrance to fellow students. For the future, doubtful pupils of this description will be required, before they are admitted to the classes, to show by examination that their general attainments are sufficient.

We hope that a regulation like this will have a beneficial effect upon those careless parents who, when their children leave the day school at 12 or 13 years of age, allow them to run wild for three or four years, and expect that they will then be admitted to the Institute. The right place, for a considerable time at least, for young people of this sort, is not the Institute, but one of the Continuation Classes provided by the Local Education Authority. After a while, it is hoped, they will be able to rise to the higher instruction given in the Institute, which for the present is beyond their grasp.

Mr. Coun. D. W. Brown has been appointed a member of the governing body in the place of Mr. Ald. J. R. Smith, and Mr. E. J. Andrew takes the place of the late Mr. R. F. Easterby. The changes in the staff, when the large number of lecturers and assistants is taken into account, have not been numerous. Mr. C. E. Handy obtained an appointment

as head of the engineering department at Southsea, and Mr. E. C. Moyle was chosen to fill up the vacancy. Mr. J. G. Jones has been appointed lecturer on agricultural chemistry at the University College, Aberystwyth, and is succeeded by Mr. A. Baguley.

On the suggestion of H.M. Inspector, the rooms used by the building trades have been better lighted, and additional apparatus has been obtained in the electrical department.

The accommodation at the School of Domestic Science has proxed inadequate for the attendance, and the Board of Education has requested that further room be provided. Plans for four additional rooms have been submitted to and sanctioned by the Board. It is hoped that the new annex may be ready for occupation next session.

The Council desire again to warmly thank the Corporation of Preston and the County Council of Lancashire for the grants made towards the funds of the Institute. The co-operation of these two bodies is greatly appreciated.

Thanks are also due to the following:—Messrs. W. Calvert and Sons, Preston, cloth to cover machinery; General Electric Company, Manchester, two Osram lamps; Messrs. Howard and Bullough, Accrington, books for library; Messrs. Horrockses and Co., Preston, cloth to cover machinery; International Winding Co., Manchester, lantern slides of winding machinery; Messrs. G. Thomas and Co., Manchester, lantern slides of weaving machinery; Messrs. Wilson Bros., Manchester, lantern slides showing types of bobbins.

The Council have much satisfaction in recording the goodwill, harmony, and faithful discharge of duty which have prevailed throughout the large staff of teachers. The quality of the work of the teachers is abundantly evident in the character of the results obtained by the students. An excellent understanding prevails between the teachers and the students.

Last, but not least, we express our warm acknowledgment of the services of our old friend, the Secretary and Registrar of the Institute. The Council feel themselves greatly indebted to that gentleman for his admirable and most successful work, and we thank him in the name of all friends of the Institute for the ability and diligence, as well as the unfailing tact and courtesy, which have so long characterised the performance of his duties.

GEORGE STEELE, Vice-President.

December 23rd, 1907.

HARRIS INSTITUTE, PRESTON.

PROCEEDINGS OF ANNUAL MEETING,

MONDAY, DECEMBER 23RD, 1907.

The Annual Meeting of the Council and Subscribers of the Harris Institute, Preston, was held at the Institute, Preston, on Monday, the 23rd December, 1907, the Vice-Chairman of the Council, the Rev. G. Steele, M.A., in the chair. There were also present Alderman Hamilton, J.P., Councillor W. Breakell, Dr. R. C. Brown, Dr. Rigg, Messrs. Fitzherbert-Brockholes, J.P., C.A., E. J. Andrew, H. Bell, J.P., J. Conner, E. Dickson, and T. R. Jolly (Secretary).

The CHAIRMAN first announced that Mr. J. Conner, being the only gentleman nominated by subscribers to act as a member of the Council, had been duly elected for the ensuing three years.

The SECRETARY submitted a copy of the 25th Annual Report, which will be found on page 5.

The CHAIRMAN, in moving the adoption of the Report, said he was sure they were all glad to hear that in every respect—tone, discipline, numbers in attendance, quality of attainments—the Institute was in a most excellent condition. The most important of these points was in regard to the quality of attainments ; for, as tested by the examinations, the Institute had never reached the same position in this respect as this year. He was sure they were all delighted that the Institute was doing so well. As stated in the Report, the average attendance had risen during the time the Institute had been conducted on the present lines from 343 to 5,839. That in itself spoke volumes.

The most important regulation that had been adopted last year, was the one with regard to the requirement, on the part of the Council, from students who presented themselves to the classes, lectures, &c., at the Institute, to show that they were fitted to receive and capable of deserving benefit from the instruction given. There was no doubt (said Mr. Steele) that the teachers had been sadly handicapped, and at times filled with despair, at the ignorant material they had had to deal with. They were hoping that the new regulation would have a beneficial effect on the work at the Institute.

Alderman HAMILTON, in seconding, also referred to the wisdom of instituting these entrance examinations. Their teachers had been severely handicapped, for they had had to try and teach secondary subjects to pupils who had not much elementary knowledge. Unless the scholars were fitted to receive the information the teachers had to impart, they were better away from the classes.

The Report was unanimously adopted.

Mr. BELL proposed a vote of thanks to the Chairman for presiding, and also for his services as Vice-President during the year. Mr. Bell referred to the deep interest which Mr. Steele took in the work of the Institute, and said the very least they could do was to accord a very hearty vote of thanks.

Mr. E. DICKSON seconded the vote of thanks, and said that no one had ever served on the Council without appreciating the excellent work rendered by Mr. Steele, and it was largely owing to his tact, geniality, and kindly nature that the relations between the staff and the governing body had always been of such a very friendly character. Mr. Dickson also referred to the excellent results which had accrued from the Pupil Teacher Classes, with the formation of which Mr. Steele took such an active part, and said that though it was some time before people recognised the importance of that work, it had been fully understood in later years ; and he was sure, in the future, they would feel that this work had been attended with results as satisfactory as any work in connection with the Institute. (Hear, hear.)

The resolution was carried, and Mr. Steele having responded, the business, which had been of a purely formal character, concluded.

HARRIS INSTITUTE, PRESTON.

DISTRIBUTION OF PRIZES

TO THE STUDENTS BY

SIR WM. MATHER, LL.D.,

WEDNESDAY, DECEMBER 4TH, 1907.

The annual distribution of prizes to the students attending the classes of the Harris Institute, Preston, took place at the Public Hall, on Wednesday evening, the 4th December, 1907, and proved one of the most successful of the long series of these interesting functions. A familiar figure was absent in the person of Mr. William Ascroft, J.P., president of the Harris Institute, who for many years has presided over these gatherings. His place was taken by Mr. Edmund Dickson, F.G.S., who was supported by Sir William Mather, LL.D., Sir Frank Hollins, Bart., Mr. George Toulmin, M.P., Mr. Harold Cox, M.P., the Mayor of Preston (Alderman W. E. Ord), his Honour Judge Hans Hamilton, Mr. Frank Calvert, J.P., Alderman J. Craven, J.P., Councillors Cartmell (Christ Church). Brocklehurst, White, and Breakell, Messrs. A. Harris, H.M.I., W. L. Moore, A. Fox (Principal of the Chorley Technical Institute), Dr. Sellers, and the Rev. J. Pimblett. The members of the Harris Institute staff present were Messrs. Pye, Renwick, Baguley. R. H. Jones, Porter, Whincup, Bertwistle, Allen, Varley, Blinkhorn, Billington, J. Smith, A. Smith, Binfield, Gladwell, Sinclair, Edon, Jutzi, Holden, Gittins, Harrison, Corkill, Walker, Burton, and Collinge ; Misses Baster, Huntley, O'Neill, Atkinson, Bolton, Marshall, and Halliwell ; and Lieut.-Colonel Jolly, Secretary,

The distribution of prizes was undertaken by Sir William Mather, and performed with much grace. He paid noticeable attention to students who had gained special honours, and his complimentary observations were thoroughly appreciated by the crowded gathering of students and friends. A feature of the evening was the programme of vocal music rendered by the Harris Choir, under the conductorship of Mr. Joseph Smith, the organ being presided over by Mr. James Tomlinson.

The CHAIRMAN said on November 11th, 1883, the first distribution of prizes in connection with the then recently-constituted Harris Institute took place. The chair on that occasion was taken by him who for many years had acted as president, and who with one single exception, when he was asked by the Council to occupy a higher role, had taken the chair at every succeeding distribution. (Hear, hear.) That night his place was filled by another, the reason for which he need not mention ; but he was sure the sympathy of every single person went out to Mr. Ascroft in his time of trouble. (Hear, hear.) In his opening address at that inaugural meeting Mr. Ascroft ended with a prediction which had been amply verified by facts. The words used were these :— "I think that you will all agree with me that the work of this Institute is fraught with good in respect of the social and material well-being of Preston." (Hear, hear.) Now, let them see how far that prediction of 1883 was verified by the state of things in 1907. In regard to this, his (the Chairman's) labour had been considerably lightened owing to an interesting lecture given at the commencement of the session by Mr. Jolly, secretary and registrar, in which was demonstrated, by facts and figures, the marvellous progress made by the Institute during the 25 years of its life. If they had to compare the state of things in 1882—which was the first year of the life of the Harris Institute, when it took over that excellent work, which for 58 years had been carried on by the old Mechanics' Institute—with the state of things to-day, he thought they would agree that there had been very marvellous progress. In 1880-1, when the Mechanics' Institute closed its doors, the work in connection with the Science and Art Classes was held in the building now known as the Avenham Institute. That Institute was very different from what it was to-day. It had been considerably enlarged and other buildings put up, including the Technical School in Corporation Street, which was so admirably planned and so perfectly equipped. Then, again, there was the other building, in which that useful institution the School of

Domestic Science was housed. It was worthy, therefore, of note in this connection that the assets of the Harris Institute, as represented by the buildings, had risen from £7,000 in 1881 to £100,000 in 1907. (Hear, hear.)

If one compared other matters associated with the Institute, the contrast would be found still greater. For example, the whole of the syllabus in 1881 was confined to a single sheet of note paper, and embraced art and three sciences, whereas to-day the syllabus necessitated a volume of 130 pages, and included every subject in art, science, and technology, and all commercial subjects likely to be required in the district. (Applause.) The staff in 1881 only numbered nine, and to-day 70, while the number on the class registers was 381 as compared with 6,006 in 1907—a startling and gratifying advance. (Hear, hear.) Numbers, however, did not always prove everything, but he ventured to claim that the successes of the Harris Institute were even more remarkable. In 1881, the successes in Advanced Art Classes were 41, whereas in the session just ending the number was 243, in Advanced Science 4, as against 254 to-day. The list of higher successes gained in the last session was too lengthy to give in detail, but it deserved to be known that during the past session eight students had matriculated in the Universities of Victoria or London, several in honours, and two passed intermediate science. One had obtained the B.A. degree of Victoria, one had passed first M.B. examination, two had passed the preliminary examination of the Royal College of Dental Surgeons, one Senior Optime Cambridge, and three had obtained a King's Prize. (Applause.) In the Technical Branch, one student had gained the first position in Great Britain in brickwork; another, premier position in boilermakers' work; and another a £60 scholarship for textile subjects, given by the County Council. With regard to commercial and miscellaneous subjects, a student had succeeded in obtaining one of the eight bronze medals for shorthand given throughout Great Britain; other students ranked first, second, and third in Lancashire and Cheshire for music; and as to agriculture, the Institute held premier position in the United Kingham in connection with the examination for agricultural diplomas. (Applause.) So, too, in connection with the School of Domestic Science. No school in Great Britain was doing better work, both with regard to the training of the teachers and the instruction given to artisan classes. (Applause.) In conclusion, the Chairman enlarged upon the great work of the Institute, and said the Board of Education now wished Institutes such as

theirs to systematise their work. The suggestion would receive the warm support of the Council, and he believed a start would be made in the next session. Whoever spoke on that platform 25 years hence would, he felt sure, be able to tell the audience of that day that the coming session had been the starting point of still further successes. (Loud applause.)

Sir WILLIAM MATHER, who met with a cordial reception, having paid a tribute to the excellence of the choir, regretted that he had to invite their attention to something far less agreeable than the charming renderings they had listened to. Last night he had the honour of addressing a large audience at Victoria University, Manchester, of quite a different character to that assembly. They were members of what was called the University Education Society, consisting chiefly of students who were preparing for that noblest of all careers, the career of teachers, and some professors of the University and a certain number of friends from other institutions. There he had to speak with bated breath—(laughter) —as a layman among educational experts, both of the elementary and of the higher education. That night he faced an audience with which, as a layman, he felt more at home and, possibly, more free from criticism. In speaking to those who were now using the golden days of youth to strengthen all the faculties with which they were endowed, to draw out their minds and their spirits, as well as to exercise and cultivate bodily functions, he felt he was dealing with what was to be in the future an important contribution of intellectual force to the life of our nation. (Applause.) As one already advanced in years, but whose natural strength had not yet abated, and whose eye was not very dim, it was his privilege, as it was the privilege of all men who arrived at his age, to have the right to speak to young men and maidens, to girls and boys, very frankly as to what lay before them, to ask them to profit by the experience so gained, and to guide them as far as possible away from the difficulties and the pitfalls to be encountered, that they might spend an efficient, earnest, useful, and truly patriotic life. (Applause.) He was glad to be there that night for many reasons.

The Harris Institute in 1882, the year of its foundation, was like an oasis in the desert. It afforded refreshing encouragement to those who like himself had been plodding away for years to rouse his fellow-employers engaged in scientific industries, and educational authorities generally, to offer the youth of England greater opportunities to train and

develop their powers to the best advantage by higher education of a scientific and technical character. By these means only could they and grow up to be useful citizens, facing the world well prepared for all its troubles, trials, and tasks, so that when they passed away they would leave behind them a record of duty well done, and the purpose of life entirely fulfilled. (Applause.) The Harris Institute was the first ray of light he encountered in his investigations into this great problem. (Applause.) Having mentioned the munificence of the Brothers Harris, who, he said, were prudent enough to leave their money in the hands of very wise and patriotic men, Sir William proceeded :—Mr. Ascroft, whose acquaintance I then made, together with that of Mr. Jolly, was one of those men of whom I am glad to say England has not a few—men who are the very salt of the earth. (Hear, hear.) Mr. Ascroft, as a trustee of this great trust, recognised the hour had come when England was bound to wake up and take her place in educational rank amongst the countries of the world that were becoming our greatest competitors.

Mr. Ascroft had the seed put into his hands ; he planted it, watered it, and nourished it, and there grew up this magnificent institution, the benefits of which you are enjoying to-day ; and which, from being a very small tree of knowledge in the first year, having only something like 300 students, has developed and grown under the fostering care of Mr. Ascroft and his friends so vigorously that we have to record the gratifying fact that there are something like 6,700 individual students attending this most admirable Institute. (Applause.) I am glad, on that account, to be here to pay my homage to Mr. Ascroft, and at the same time to render him my heartfelt sympathy in his present loss. (Hear, hear.) A man like Mr. Ascroft ought really to have no trouble in this world. (Hear, hear.) He has saved so many others from trouble that he ought to be exempt. But a sorrow has come upon him, which is inevitable to all human beings. He has been separated from his life's companion, and he feels that severance as an intense grief, in which we share ; but we, I am sure, hope he may still recover his spirit, and to the end of his days continue that work he has so splendidly carried out during the best years of his life. (Applause.) During the time the Harris Institute was passing through its first session in 1883, he (the speaker) was plodding away in America, for that Royal Commission of inquiry into technical instruction, the results of which had

done so much for the country in the intervening years. Hear, hear.)

In America he discovered a growth of education so intense and strong, that it was difficult to understand how the money was raised, or where the students came from to fill the splendid institutions he then visited. That which struck him more than the money was the ardour and determination with which young men and young women, or boys and girls, would enter Technical Schools or State Colleges having a Technical Department, and after having left the primary or secondary schools—which were universal and free—devote their time to attending day courses extending over two or three years, before entering upon their life's occupation. He found the spirit of education so strong among parents that young people needed no persuasion to educate themselves in the higher branches, so as to prepare for one of the great industries of the country. Considering they only emerged from those institutions ready for work at 18 or 19 years of age, it was not difficult to understand that some sacrifice was needed on the part of the parents as well as their children. (Hear, hear.) But they were very wise in their day and generation. They were particularly courageous, because at that time, even in America, he found employers of labour were not specially interested in technical education. It was only in the workshops of the large railways he found very much eagerness to obtain youths who had passed through the Technical Schools. In the workshops of the great Pennsylvania railroads he was told by the manager, "We have made up our mind never to open our apprenticeships to any youth who cannot bring in his hand a diploma showing that he has spent three years, at least, in passing through a well organised course in some Technical School." (Hear, hear.) What was the result? The enormous benefit derived from such education—of course, very much developed in the practical work of the shops—came to the knowledge of other employers. And when he again visited America in 1887 he found that instead of these young people being regarded by employers as over-educated, there was scarcely a Technical Institution in the United States whose books were not filled up with applications of employers to take the students after the third year's course of instruction was completed (Applause.) Thus every student had his livelihood practically secured.

He had heard it said that employers were not eager to take young people who had passed through such institutions,

and further that 14 years or 14½ was the right age to start work. That, to his mind, was one of the superstitions of the past ages—(applause)—it was unfit and utterly impossible to apply it now with any truth to the necessities and requirements of this country to-day. (Hear, hear.) There were employers, and he was one of them, who had a rule that no one could enter into service as an apprentice under 16 years of age, and then must show at least one or two years thorough good work done in a Technical School. (Applause.) The outcome is that these young fellows come with their eyes already opened, their wits sharpened, and with an intense interest in their work, owing to the knowledge they possess as to the nature of the work they have to do. Further than this, they have a desire for education, self-education, and they acquire power for efficient service, not only to benefit themselves, but to become of great value to the country in which they live. (Hear, hear.) It was, he fully recognised, difficult to impress young people seriously with the great purpose and duty of life. Presuming upon his mature age and somewhat extensive experience, he desired to-night to make them feel what a very precious possession indeed was human life to everyone born into the world with average mental and physical powers. The duty which lay before each one was that which no other person could do, and thus each must recognise that he had a personality and individuality of his own. It was not a question of higher intellectual attainments which would enable one person to do things better than another person, for so far as individual gifts in the sense of natural capacity were concerned they must make no comparison, but each must do the best with his own.

You may rely on it (said the speaker) that your natural gifts, so long as you are of sound mind and strong in limb, and have good health, are the very best for you. Therefore, try and make yourselves efficient through your own gifts, and don't foolishly attempt to acquire those of other people, because you will never succeed. God never intended you should, and in order to succeed you will have to devote the whole of your time to the development of your own gifts. To develop one's own nature is really the purpose of life, and it is well worth striving for. (Applause). Training, after all, is only a means to an end. He had sometimes imagined what a great army, and what a noble possession, the country would have if the half million children passing out of our elementary and higher elementary schools

every year were all thoroughly educated to understand they were parts of a great nation, and, passing on to such establishments as the Harris Institute, became imbued with the determination and necessity of accomplishing to the utmost of their ability every duty committed to their care. (Applause.) How many boys and girls had been disheartened by allowing the thought to creep into their minds that "they could not help it," because "they were not as clever as So-and-so," and never would be? (Hear, hear.) They had a lack of self-confidence, which was very different from conceit and vanity. (Hear, hear.) Self-reliance, courage, and self-faith were qualities which ought to be inculcated in every school in the land. (Hear, hear.) How many hundreds and thousands of boys and girls there were who had intellectual endowment but no courage and no faith. (Hear, hear.) One generally found amongst the large class of unemployable, persons who were not destitute of brains, but individuals who had no confidence in themselves. (Hear, hear.) He would rather see our institutions of education sending out a large number of young people whose intellectual capacity was not of a high order, but who had the quality of self-confidence and determination to play their part in life, than a large number who had the quality of genius but lacked that character of being able to make the best of what they had. (Hear, hear.) Let our people do the best they could, being what they are, and England would then recover her position, and in intellectual capacity, too, be able to take her place amongst the other nations, equal to the best. In conclusion, Sir William Mather paid a further tribute to the admirable work of the Harris Institute, observing it deserved special recognition at the hands of all who believed the future of England depended entirely on the progress of young people between 14 and 20 years of age. The Harris Institute, in this direction, had done greater work than any other institution he knew of, while it was worked at a less cost to the local education authority. "We outside," he added, "who are looking to these institutions to bring our country to the right level in the future, regard the Harris Institute as leading the way in training the true qualities of citizenship, and I have no doubt those to whom I have been privileged to hand rewards to-night will leave their impress on the town; and if in 25 years' time this institution is still going on, you will find Preston is indeed a city placed on a hill, whose light cannot be hid. (Applause.) To young people let me say we are dealing with a very serious journey when we start going through this world. (Hear, hear.) Be inspired

with the belief that life is a great and noble calling, not a mean and grovelling thing that we should shuffle through as we may, but an elevated and lofty destiny." (Loud applause.)

His Honour Judge HAMILTON moved a vote of thanks to Sir William, and in a racy speech urged the students to carry away with them the admirable advice which had been tendered. To succeed, students must persevere, persevere, persevere. (Hear, hear.) Let them remember that each day, hour, and minute was theirs while it passed, and it behoved them to do their utmost with the opportunities which lay before them.

Councillor CARTMELL (Christ Church) seconded, remarking that no one who had addressed them from that platform on similar occasions had come to them with greater claim to speak on education than Sir William Mather. Some one had said that the basis of modern civilisation was iron. If this was true, then one of the best products of the iron age was Sir William Mather. (Laughter and applause.)

Mr. FRANK CALVERT supported, observing that the address to which they had listened from Sir William could be summed up as "The soul of business is competition, and the success of competition is education of mind and character."

Sir WILLIAM MATHER having replied, the Chairman was cordially thanked, on the proposal of the MAYOR, seconded by the Rev. J. PIMBLETT, the latter of whom advocated the compulsory attendance of boys and girls one or two nights a week at evening continuation classes.

LIST OF PRIZES AND CERTIFICATES

AWARDED TO STUDENTS ATTENDING THE CLASSES AT THE HARRIS INSTITUTE, SESSION, 1906-7.

SPECIAL HONOURS GAINED DURING SESSION 1906-7.

SCIENCE.

Adams, Ella R.—London University Matriculation.
Berry, William.—Harris Institute £45 Science Scholarship.
Cartmell, Cyril.—London University Matriculation. (Hons. Arts.)
Cronin, James.—London University Matriculation.
Collins, Estyn St. C.—London University Matriculation.
Crosby, Berkley C.—Inter. Science, Yorkshire University.
Cobbe, Frederick.—1st position in Chemistry in Lancashire and Cheshire.
Holt, Hy. James.—London University Matriculation.
Houseman, James B.—London University Inter. B.Sc. (Hons. Physics.)
Kelsey, John.—King's Prize, Machine Construction, Board of Education.
Knowling, Harold.—Preliminary Examination, Royal College of Dental Surgeons.
Mooney, Gerald Wm.—1st M.B. Examination.
Nightingale, Florence.—B.A. Degree, Victoria University.
Renwick, John E.—Senior Optime, Cambridge.
Spencer, Gordon W.—Open Exhibition, St. John's College, Cambridge, Student Preston Grammar School, took Chemistry and Physics at Institute, and passed in Honours in former subject.
Turner, Maurice R.—B.Sc. Degree, Victoria University. (Hons. Chemistry.)
Tomlinson, Hubert.—Victoria University Matriculation.
Wignall, Joseph.—Preliminary Examination, Royal College of Dental Surgeons.
Wilson, Sidney J.—London Universtiy Matriculation.

ART.

Brooke, Leonard.—Shaded Drawings from Figure, commended, Lancashire County Council Exhibition.

Simm, William.—Board of Education Scholarship, £20, tenable for 3 years, and Bronze Medal, National Competition. (Modelling Design.)

Hay, Wm. R.—King's Prize, £2. Board of Education, Perspective.

Burton, W. E. B.—Drawing of Carved Oak Panelling commended and purchased by Board of Education.

Dagger, Wm.—National Book Prize, Design for Woven Fabric.

Burton, Alban.—Design for Stencilled Hanging, commended.

Clarke, John M.—Monochrome Painting of Ornament, commended.

Edon, James.—Design for Printed Muslin, commended.

Urquhart, Francis E.—Design, commended.

TECHNICAL.

Bailey, T. R.—Brickwork, Hons. Grade. 2nd Prize, £3 (Tylers and Bricklayers' Co.), and City and Guilds of London Institute Bronze Medal.

Dandy, Charles.—Brickwork, Ordinary Grade. 1st Prize, £2 (Tylers and Bricklayers' Co.), and City and Guilds of London Institute Silver Medal.

Eastham, Bertie H.—Boiler Maker's Work, Hons. Grade. 1st Prize, £3, and City and Guilds of London Institute Silver Medal.

Marland, T. R.—£60 Textile Scholarship, Lancashire County Council.

LANCASHIRE AND CHESHIRE UNION OF INSTITUTES.

Adamson Lily, 1st Position in Lancashire and Cheshire (Intermediate Music).

Smails Alice, 2nd Position in Lancashire and Cheshire (Intermediate Music).

Clarkson Lily, 3rd Position in Lancashire and Cheshire (Intermediate Music).

Gornall James, 2nd Position in Lancashire and Cheshire (Elementary Bookkeeping).

Hughes H. F., 3rd Position in Lancashire and Cheshire (Elementary Bookkeeping).
Hodson William, 2nd Position in Lancashire and Cheshire (Elementary French).
Cartmell Ed., 1st Position in Lancashire and Cheshire (General Science).
Turner George, 4th Prize (Prelim. Technical Course).

SOCIETY OF ARTS.

Fitchie David—Shorthand Speed. Bronze Medal.
Rattle Alfred, 1st Class Speed—140 words.

SCHOOL OF AGRICULTURE.

The following obtained the National Diploma in Agriculture:

Part II.

Stoker Wm. R,, also £60 Scholarship and King's Prize—Agriculture.
Thompson Wm., also £60 Scholarship.
Robinson Esther L.
Llewellyn Arthur S.
Freeman Daniel L.—King's Prize—Agriculture.
Kilroe Alfred.
Gibson Alfred L.
Saunders Charles.

Part I.

Thompson Dorothy, also £40 Scholarship.
Cartmell Edw., do.
Hyde Norman B., do.
Viehoff, Noel C. do.
Curwen Claude.
Simpson Henry.
Brentnall Ammye S.
Blackhurst Arthur O.
Ingham Edmund.
Metcalf Francis.
Deakin Samuel W.

SCIENCE.

All Students obtaining First Class awarded Scholarship and Prize.

Practical Plane and Solid Geometry.

STAGE I.

FIRST CLASS: Helme Ernest, Sanderson John E., Holden John, Gornall Joseph, Clarke John M., Attwater Fred, Atherton John D., Chadwick Albert T., Duckworth Thomas, Berry Robert, Poole Edgar.

SECOND CLASS: Beardwood Arthur, Buck Geo. A., Holmes, Arthur, Mc.Gregor Andrew, Walker Norbert Gornall, Geo., Pilkington John H., Parker Robert, Cook Fred, Allsup Wm.

STAGE II.

FIRST CLASS: Eastham Bertie H., Ayres Geo. H., Garnett John, Turner Thomas J.

SECOND CLASS: Taylor Thomas, Hodson Hy., Cotton Jas. T.

Machine Construction.

STAGE I.

FIRST CLASS: Pilkington John H., Whittaker Hy., Knight James H., Haselden Charles H., Leake Charles, Duckett James J., Lewis Fredrick W., Austin James, Lever James, Heppel Stanley, Parker Fred., Harrison, Chas. E., Wright Matthew W., Dobson Thomas, Nelson Harold, Holmes Herbert, Farmer Fred, Blackburn James, Tattersall William, Bamber Ernest, Hadfield Joseph, Lillie Alfred C. M., Whalley John, Simpson Hy., Moizer Clifford, Holliday Thomas, Seed

Percy W., Penswick Hy., Gilchrist Andrew, Allsupp Wm., Attwater Fredk., Poole Edgar, Chadwick Albert T., Atherton Jas. D,, Berry Robert, Fisher Walter, Gibbs Crinis, Jamieson John A.

SECOND CLASS: Newsome Harold W., Nickson Charles E., Hall Wm., Carr Herbert, Bond Fred., Mashiter George, Stephenson Rd., Tubman Fred, Howard Eric, Southworth Richard, Gornall Joseph, Williams Philip, Thistlethwaite Walter, Malley John, Monks James, Calvin Thomas, Crook Fred., Turner Francis, Cowell Robert, Walker Arthur, Snelham Arthur, Helme Alan C., O'Neill Chas,, Bamber Albert, Blezard James B.

STAGE II.

FIRST CLASS: Benson Charles G., Wardley Thomas, Lund Robert B., Kelsey John, Souden Fred. H., Vernon Charles N.

SECOND CLASS: Duckworth Thos., Ayres Geo. H., Elliott Thomas, Wilson Percy, Sanderson John E., Sumner Thomas, Gillham Geo. C., Robinson Joseph, Taylor Thomas, Booth Jno. H., Pickering Arthur, Berry Wm., Worden Arthur W., Orme Samuel, Butcher Chas., Pearson John S., Dalzell Chas.

Building Construction.

STAGE I.

FIRST CLASS: Nowell Thomas, Alty Hy., Stratten Wm., Iddon Percy, Robinson Chas. E., Worthington Thos. P., MacGregor Andrew, Livesey Thomas, Hill John B., Tomlinson H. L., Croft James, Threlfall Alfred, Clarke John M., Wheeler Ernest, Hall Arthur, Unsworth Wm., Ramsbottom Geo., Anderton Rd., Heaps Wm., Radfield Francis M., Dixon James, Cotton Joseph T., Garnett John, Walker Charles A.

SECOND CLASS: Duckworth Thos., Eccles Walter, Holmes Arthur, Ashcroft Herbert, Jackson John, Breakell Fred, Muncaster Sidney, Bridge Robert, Gaunt Wm., Ramsay Herbert, Gorst James, Ward James H., Hough Hy.

STAGE II.

FIRST CLASS : Jackson Thomas H., Chew John H., Cookson James, Bennett Geo., O'Neill Herbert, Dandy Chas., Goring Francis, Foster Thos.

SECOND CLASS : Gardner George F., Royles Rd. C., Pilkington Ed., Saul Thomas P., Poole John, Marland Geo., Thornborrow Jas., Spencer Henry, Hodson Henry, Ramsbottom Chas., Rawcliffe Wm. S., Cheetham Hy., Stevenson Rd. H., Holden John, Nowell Samuel, Jones Geo., Wilson Henry G., Hunt John, Dickson Frederick S., Simpson Joseph, Turner Thomas.

STAGE III.

FIRST CLASS : Hull Hugh W., Taylor Wm., Hargreaves Hbt., Townley Peter.

SECOND CLASS : Postlethwaite Wm., Cross Cyril J., Roberts Reg.

HONOURS STAGE.

SECOND CLASS : Bailey Thomas R.

Mathematics.

STAGE I.

FIRST CLASS : Gabbot Ann, Coulthurst Maggie, Morphy Hathleen, Ascroft Sarah, Addison Edith, Livesey Maud, Stevenson Florence M., Houghton Clara, Smith John, Glaister Thomas H.

SECOND CLASS : Hartley Annie, Swarbrick Isabel, Pope Alan, Newton Wm., Rimmer John, Watkinson Nicholas, Holmes Mary, Howarth Ellen, Battersby Margaret, Lloyd Wm., Swann Elizabeth, Patterson Annie, Livesey Florence M., Margaret Whittle, Blackledge Olive D., Johnstone Hilda.

STAGE II.

SECOND CLASS: Iddon Harold, Wignall Rd. H., Tomlinson Hubert, Smith John, Bentley Thomas H., Taylor Chas. B., Ianson James, Rigby Ed. C., Cowperthwaite Wm., Sanderson Fred, Lovelace Pauline, Longton Wm., Bellamy Gilbert D.

STAGE III.

SECOND CLASS: Worsley George, Collins Estyn, Heywood Reginald, Fitchie David.

STAGE IV.

FIRST CLASS: Mayor Fred.

STAGE V.

FIRST CLASS: Evans Jno. A., Berry Wm., Shakeshaft Fred, Mayor Fred.

Practical Mathematics.

STAGE I.

FIRST CLASS: Atherton John D., Attwater Fred, Gill John, Taylor John W., Holmes Herbert, Buck A. E., Duckworth Rd. B.

SECOND CLASS: Beardswood Arthur, Gilchrist Andrew L. K., Chadwick Albert T., Penswick Henry, Wilson Percy, Snelham Arthur, Stephenson Rd., Carr Herbert, Lightbown Emile, Dalzell, C. E., Wareing Wm., Pailthorpe Arthur L., Jackson Tom, Grundy Sidney H., Harrison Chas. E., Radfield Francis M., Milner Horace, Jamieson Jno., Preston Joseph, Heppel Stanley L., Seed Percy W., Derham Arthur C., Hughes John.

STAGE II.

FIRST CLASS: Beardsworth Jas. B., Duckworth Thos.

SECOND CLASS: Poole Edgar, Berry Robert, Allsupp Wm., Goward Albert, Elliott Thomas, Worden Wm., Coupe Roger, Wardley Thomas, Brown Robert C., Brown Hbt. F., Morse Rd. V., Collins Estyn C. M., Taylor Thomas, Duckett John J., Barnes Oswald.

STAGE III.

SECOND CLASS: Travis Wm., Berry Wm., Shakeshaft Fred, Ayres George H.

Theoretical Mechanics (Solids).

STAGE I.

FIRST CLASS: Chadwick Albert T., Atherton John D., Attwater Fredk.

SECOND CLASS: Penswick Hy., Whitehead Arthur A.

STAGE II.

SECOND CLASS: Berry Wm., Renwick Jos. A., Shakeshaft Frederick.

Theoretical Mechanics (Fluids).

STAGE I.

FIRST CLASS: Chadwick Albert T., Atherton John D.

SECOND CLASS: Attwater Fredk., Beardwood Arthur

STAGE II.

FIRST CLASS: Berry Wm.

SECOND CLASS: Shakeshaft Fredk.

Applied Mechanics.

STAGE I.

FIRST CLASS: Coates Edward, Lynch Jno., Halliwell Percy, Pailthorpe Arthur L., Hadfield Jos., Holmes Herbert, Stoker Wm. R., Allsup Wm., Berry Robert, Lucas Leonard, Turner Francis, Poole Edgar.

SECOND CLASS: Lightbown Emile, Breakell Jas., Harrison Charles E., Southworth Alfred, Grundy Sidney H., Westall Walter, Dalzell Chas. E., Derham Arthur C., Heppell Stanley, Leake Chas., Seed Wm. P., Jamieson John A., Saunders Chas., Lucas Percy, Gilchrist Andrew L.K., Crook Fred.

STAGE II.

SECOND CLASS : Worden Wm., Clough Wm., Southworth Henry, Renwick James A., Barnes Oswald, Wardley Thomas, Plant Albert E., Cox Wm. J., Moss Frank, Elliott Thomas, Duckworth Thomas, Wood Fred F., Ayres Geo. H., Souden Frederick H., Vernon Charles N.

STAGE III.

SECOND CLASS : Southworth James, Brown Herbert F., Shakeshaft Fred, Berry William.

Sound, Light and Heat.

STAGE I.

FIRST CLASS : Shannon Martha, Livesey Geo. F., Spencer Gordon W., Knowling Harold.

SECOND CLASS : Barmby Emma, Ayres Edith A., Berry Joseph, Wignall James.

Heat.

STAGE II.

SECOND CLASS : Vernon Chas. N., Shannon Martha, Ayres George H., Cowperthwaite Wm., Souden Frederick H.

STAGE III.

SECOND CLASS : Smith Allan.

Magnetism and Electricity.

STAGE I.

FIRST CLASS : Barmby Emma, Shannon Martha, Bradshaw Wm. A., Knowling Harold W., Harrison Norman W., Nagle Jos., Heatley Mark, Pye Rd. C., Jackson Leslie, Baron Geo., Brindle Daniel, Turner Francis, Poole Edgar, Atherton John D., Attwater Fredk., Chadwick Albert T.

SECOND CLASS: Berry Robert, Livesey Geo. F., Kirby Winifred, Baron Nicholas, Wignall James, Holden Roland H., Penswick Hy., Fisher Walter, Whitehead Arthur A., Taylor John W.

STAGE II.

FIRST CLASS: Vernon Charles N., Souden Fredk. H.

SECOND CLASS: Woods Alfred, Ayres George H., Spencer Gordon W., Goward Albert, Lucas Leonard.

STAGE III.

FIRST CLASS: Evans John A.

Theoretical Inorganic Chemistry.

STAGE I.

FIRST CLASS: Reid Elizabeth M., Mc.Graw Margaret, Taylor Charles B., Bentley Thomas H., Gabbott Ann, Archer Margaret, Clarke Ethel, Evans Emma, Robinson Bertha H., Cragg Alice B., Paterson Catherine, Richardson Margaret, Berry Wm., Livesey Florence M., Livesey Emily, Addison Edith, Critchley Lena, Kilshaw Elsie, Baldwin Edith, Jackson Bessie G., Bannister Kate, Coulthurst Maggie, Hall Mary, Marsh Gertrude, Crossley Elizabeth, Howarth Gladys, Cookson Edith, Maymon Clara, Livesey Maud, Livesey Edith A., Ashcroft Sarah, Sanderson Elizabeth, Crozier Hy. C., Tomlinson Hubert, Smith John, Wignall Rd. H., Shakeshaft Fred, Ianson Jas., Jones Annie, Cameron Ethel M., Morphy Kathleen, Davidson Caroline F., Heywood Reginald, Collins Estyn S. M., Thomas Hy. C., Nelson Wm., Snalam Fred., Wignall James, Livesey George F. R., Iddon Alice, Shingler Percy, Barker Robert A., Hegan Jas. J., Gardner Anthony, Robertson Amy, Kerby Winifred A., Newton Wm., Rimmer John, Cokosey George B.

SECOND CLASS : Richardson Ethel, Lockwood Mary B., Bullen Mary A., Gardner Ellen, Winchester Mary I., Patterson Annie, Stevenson Florence M., Howard Amy, Abraham Ada, Houlding Elizabeth, Ellison Maud M., Whittle Margaret, Blackledge Olive D., Kitchen Daisy, Kellett Thomas, Pomfred Wm. B., Watson George, Watson Wm.

STAGE II.

FIRST CLASS : Kay Richard P.

SECOND CLASS : Spencer Gordon W., Fletcher Francis, Cobb Fred., Dewhurst Florence, Mc.Cann James, Moore Keith H., Mooney Gerald W., Metcalf Francis, Holmes Roger P., Vichoff Noel C., Brentnall Ammye, Houghton Clara, Wilson Sydney J.

STAGE III.

SECOND CLASS : Cartmell Cyril.

Practical Inorganic Chemistry.

STAGE I.

FIRST CLASS : Kay Rd. P., Spencer Gordon W., Marsh Thomas D., Rimmer John, Newton Wm., Shingler Percy.

SECOND CLASS : Robertson Amy, Wignall Rd. H., Ianson James, Tomlinson Hubert, Gardner Anthony, Parker Robert A., Pomfert Wm. B., Watson Wm., Ward John J., Nelson Wm., Snalam Fredk. R., Watson George, Thomas Hy. C.

STAGE II.

FIRST CLASS : Hilton James, Cobbe Fred, Houghton Clara.

SECOND CLASS : Spencer Gordon W., Fletcher Francis, Mc.Cann James, Moore Keith H., Dewhurst Florence, Croasdale Thomas H., Hyde Norman B., Holmes Jas. R., Kay Rd. P.

Theoretical Organic Chemistry.

STAGE I.

SECOND CLASS: Mooney Gerald W., Kay Rd. P., Jackson Osbert.

STAGE II.

SECOND CLASS: Cowperthwaite William.

Practical Organic Chemistry.

STAGE III.

SECOND CLASS: Cowperthwaite William.

Geology.

STAGE I.

FIRST CLASS: Brentnall Ammye.

SECOND CLASS: Newton Wm., Blackhurst Arthur O., Hyde Norman B., Whittaker Fred, Curwen Claude, Platt Hiram, Kellett Thomas, Thompson Dorothy, Holmes James R., Holmes Roger P.

STAGE II.

FIRST CLASS: Metealf Francis.

SECOND CLASS: Deakin Samuel W., Vichoff Noel C,

Botany.

STAGE I.

FIRST CLASS: Turner Mary.

SECOND CLASS: Mart Gladys M., Swift Lillie, Holmes Roger P., Park Robert, Hyde Norman B., Curwen Claude, Thompson Dorothy, Beattie James A., Taylor Robert L., Hoyle Ellen, Holmes James R., Spencer Gordon.

STAGE II.

SECOND CLASS: Metcalfe Francis, Holliday Helena, Dewhurst Florence.

Steam.

STAGE I.

FIRST CLASS: Allsup Wm., Crook Fred, Berry Robert, Poole Edgar, Duckworth Rd. B., Worden Arthur W., Kelsey John, Buck Albert, Grundy Sydney H., Webb Frank.

SECOND CLASS: Lucas Leonard, Barnes Thomas, Sumner Thomas, Southworth Alfred, Duckett John J., Turner Francis, Forrester Wm.

STAGE II.

FIRST CLASS: Vernon Charles N., Souden Fred H., Duckworth Thomas, Gill John, Coupe Roger, Renwick Jos. A., Moss Frank, Dickinson George.

SECOND CLASS: Ayres George H., Elliott Thomas, Wood Fred. F., Plant Albert E., Derham Arthur C., Sumner John.

STAGE III.

FIRST CLASS: Brown Herbert F., Berry Wm., Shakeshaft Fred.

SECOND CLASS: Whalley Benjamin, Southworth James.

Physiography.

SECTION I.

PASS: Hodson Edith, Bentley Thomas H.

STAGE I.

FIRST CLASS: Taylor Charles B., Iddon Harold, Wilson Sydney, Swarbrick Isabel, Nowell Francis.

SECOND CLASS: Dewhurst Edith, Rigby Ed. C., Tomlinson Hubert, Smith John.

STAGE II.

FIRST CLASS: Walmsley Mary E.

SECOND CLASS: Nivens Elizabeth, Merrick Frances.

Agricultural Science and Rural Economy.

STAGE I.

FIRST CLASS: Bancroft Fred, Beattie James A., Ball Jas., Taylor Robert L., Cross Hettie, Faraday Dorethea N.

SECOND CLASS: Foster Thomas, Yates Wm. A., Green John C., Wignall Herbert.

STAGE II.—SECTION A.

FIRST CLASS: Stoker Wm. R., Kellett Thomas, Gibson Alfred L., Saunders Chas., Kilroe Alf. P.

SECOND CLASS: Blackhurst Arthur O., Hyde Norman B., Newton Wm., Marsh Thomas D., Rimmer John, Robertson Amy, Ashley Alice M., Mart Alice M., Mart Gladys M., Vichoff Noel, Cartmell Ed., Platt Hiram P., Curwen Claude, Brentnell Ammye S., Holmes James R., Holmes Roger P.

STAGE II.—SECTION C.

FIRST CLASS: Thompson Wm., Donkin Samuel, Kilroe Alf., Freeman Dan. L., Saunders Chas.

SECOND CLASS: Llewellyn Arthur S.

STAGE II.—SECTION D.

FIRST CLASS: Saunders Charles.

SECOND CLASS: Mart Alice M.

STAGE II.—SECTION E.

FIRST CLASS: Stoker Wm. R., Donkin Samuel.

SECOND CLASS: Kilroe Alf., Llewellyn Arthur S.

STAGE II.—SECTION F.

FIRST CLASS: Freeman Daniel L., Thompson Wm.

SECOND CLASS: Ashley Alice M.

Elementary Science of Common Life.

FIRST CLASS: Kirkby Alice P., Latham Alice, Seed Amelia, Faraday Dorothy, Trousdale Amy, Kirkman Edith, Gregson Florence, Taylor Robert L., Parry Ida, Richardson Mary, Wignall Hbt., Bancroft Fred, Park Robert.

SECOND CLASS: Windsor Hilda M., Clarkson Ethelwyn, Parry Gladys, Cross Hettie, Foster Thos., Green John C., Brewer Wm. G., Yates William A., Beattie James A.

Human Physiology.

STAGE I.

FIRST CLASS: Spencer Gordon W.

SECOND CLASS: Banister Ruth M.

Hygiene.

STAGE I.

FIRST CLASS: Jackson Jane, Kirkman Edith, Clarkson Ethelwyn, Rushton Helen, Richardson Mary, Gregson Florence.

SECOND CLASS: Latham Alice, Kirkby Alice R., Seed Amelia, Parry Ida, Margerison Leslie A., Banister Ruth, Allsup Mary, McGavin Annie.

STAGE II.

FIRST CLASS: Dixon James, Willmoth Agnes M., Howson Edith L.

SECOND CLASS: Sharples Margt., Petrie Ruby E., Anderton Margt., Smith Mary F., Smith Nora W., Clarkson Arthur, Bailey Margt., Parkinson Eliza, Fell Margaret.

SCHOOL OF ART.

BOARD OF EDUCATION EXAMINATIONS.

* *Scholarship Awarded.*

† *Scholarship and Prize Awarded.*

Geometrical Drawing.

FIRST CLASS : †Rogerson Winifred, †Bryning Frances M., †Sexton Grace G., †Urquhart Frances E., †Anderton Rd., †Burton William E. B., †Banister Ruth M., †Mashiter Geo., Aveline Enid, Rigby Sidney E.

SECOND CLASS : Flatley Thomas, Sharples Frederick W., Roberts Reginald, Samuels Harold.

Freehand.

FIRST CLASS : †Woods Rita, *Stanley Dorothy L., †Scannel Margaret, †Billington W. S., *Gardner Fredk., *Haworth Philip, Anderton Rd., †Clarke John M., †Wignall Richard, *Ellison James, †Duckett Margt. M., Mashiter George, Wilson Sydney J., †Simm Wm., †Marland James W., *Sergeant Beatrice, †Standen Margaret A., *Fallows Caroline, *Richardson John W.

SECOND CLASS : Hall Wm. G., Adamson Wilfred, Hayes John R., Derham Arthur, Eastham Elizabeth, Flatley Thomas, Croasdale Thomas, H., Burrows William, Hewitt Mary, Cartmell Lilian, Caton Edith M., Baines Ellen, Garstang Ada, Hall Thomas, Aveline Enid.

Anderton Margaret, Smith Albert, Taylor Robert, Pinder Fredk. N., Webb William, Walmsley May, Mashiter Margaret, Roberts John L., Watkinson Nicholas, Sharples Fredk. W., Varley John, Hughes Gertrude, Addison Edith, Howarth Ellen, Crozier Hy. C., Hull Marian G., Bentley Thomas H., Ianson James, Glaister Thomas H., Atkinson Mabel, Edmondson Alice, Wells Christina, Robinson Bertha, Whatmough James, Richardson Ada, Pimley Geo. H., Mc.Phail Maud, Jump Mary, Taylor Charles B., Myerscough Josphine, Fyson Kathleen Wright Geo., Livesey Maud, Evans Emma, Clarke Ethel, Stevenson Florence, Tomlinson Hubert.

Model Drawing.

FIRST CLASS : *Pilling Wm., Duckett Margt. M., †Adamson Wilfrid, Clarke John M., *Derbyshire Hbt., Anderton Rd., Standen Margaret A., *Sharples Fred W., Simm William, *Smith Mary, †Brooks Leonard, †Duckworth Jos., Billington Wm. S., *Burrows Wm., Marland James W., *Blackledge Olive D., Wignall Richard H., *Richards Frank, *Whittle Margt., *Fyson Kathleen, Stanley Dorothy L., Scannell Margaret, Easterby Margaret, Woods Rita, *Myerscough Josephine.

SECOND CLASS : Baines Ellen, Flatley Thomas, Taylor Rbt., Holland Mary, Caton Edith M., Cartmell Lilian, Hewitt Mary, Varley John, Pimley Geo. H., Ellison Jas., Casson Amy, Sloane John J., Sidgreaves Beatrice, Samuels Harold, Urquhart Frances M., Pendlebury Mary E., Smith Albert, Watkinson Nicholas, Roberts John L., Mc.Giveney Jane, Wareing Teresa, Oakley Agnes, Haworth Philip, Baron Mabel, Bamber Annie, Holyoak Elizabeth, Edmondson Alice, Holmes Mary, Crozier Henry C., Glaister Thomas H.,

Iddon Harold, Wiggans Grace A., Sutton Emma, Ianson James, Smith John, Seed Flor., Worthington Jamesena, Coulthurst Maggie, Tomlinson Hubert.

Drawing on the Blackboard.

FIRST CLASS : Myerscough Josephine, Rogerson Winifred M., Scannell Margaret, Sinclair Donald.

SECOND CLASS : Aveline Enid, Banister Ruth M., Easterby Margaret, Sexton Grace G.

Architectural Design.

FIRST CLASS : Haworth Philip.

SECOND CLASS : Rigby Sydney.

Memory Drawing of Plant Form.

FIRST CLASS : Rogerson Winifred M., Sexton Grace G., Brooke Leonard, Urquhart Frances E., Banister Ruth M.

SECOND CLASS : Woods Rita, Easterby Margaret, Stanley Dorothy L., Jones William, Scannell Margaret.

Drawing from the Antique.

FIRST CLASS : Simm William.

SECOND CLASS : Banister Ruth M., Rogerson Winifred M., Easterby Margaret, Brooke Leonard, Burton Alban, Varley John.

Principles of Ornament.

SECOND CLASS : Brooke Leonard, Sinclair Donald, Simm William.

Historic Ornament.

FIRST CLASS : Sinclair Donald.

Perspective.

FIRST CLASS : Mashiter George, †Hay Wm. R., Brooke Leonard, Burton W. E. B.

SECOND CLASS : Rigby Sidney E., Simm Wm., Sexton Grace, Rogerson Winifred M., Duckworth Joseph.

Drawing Antique Memory.

FIRST CLASS : Simm Wm.

Architecture.

FIRST CLASS : Burton Wm. E. B.

SECOND CLASS : Clarke John M., Roberts Reginald, Haworth Philip, Simm William, Cross Cyril J., Townley Peter, Anderton Rd., Pinder Fredk. N.

Light and Shade.

FIRST CLASS : Brooke Leonard, Stanley Dorothy L., Duckett Margaret M., *Burton Alban, Simm Wm., Woods Rita, *Flatley Thos., Scannell Margaret, Lees Monimia, Banister Ruth M.

SECOND CLASS : Hall Thomas, Penswick Eva, Duckworth Joseph, Myerscough Josphine, Sharples Fredk. W., Pilling Wm., Urquhart Frances E., Billington William S., Aveline Enid, Rogerson Winifred M., Eastham Elizabeth, Hayes John R., Varley John, Livesey Maud.

Drawing Common Objects from Memory.

FIRST CLASS : Duckworth Joseph, Hay William R., Sinclair Donald.

SECOND CLASS : Burton Alban, Bryning Frances M.

Life.

FIRST CLASS: Simm Wm., Clegg Wm., Hay Wm. R.
SECOND CLASS: Edon James.

— —

Painting Still Life.

2nd, Frances Urquhart.

Shaded Drawing of Ornament—
1st, Ruth M. Banister.

Shaded Drawing from Life—
1st, Leonard Brooke.

Set of Details of Figure—
1st, William Simm.

Drawings of Features—
1st, John Hayes.

Design for Textile Fabrics—
1st, Wm. Dagger.
2nd, Rd. Nicholson.

Designs for Square, Circle, and Rectangle—
1st, Frances Urquhart.

Design for Specific Purpose—
1st, Alban Burton.
2nd, James W. Marland.

Modelled Study—
1st, Wm. Simm.
2nd, Winifred Rogerson.

Architectural Study—
1st, Wm. E. Burton.

Painting of Ornament from the Cast—
1st, John Clarke.

Class Prizes: Freehand—
1st, John Ellison.
2nd, Geo. Masheter.

Class Prizes: Model—
1st, Wilfrid Adamson.
2nd, L. Roberts.

UNION OF LANCASHIRE AND CHESHIRE INSTITUTES.

EXAMINATION RESULTS, 1907.

† *Scholarship and Prize Awarded.*
**Scholarship Awarded.* ‡*Prize Awarded.*

Practical Drawing.

ELEMENTARY.

FIRST CLASS : Atherton John D., Attwater Fred., Bailey James H., Beardwood Arthur, Beattie Jas. A., †Blezard James B., Bower Wm. G., Maynard Ernest S., Park Robert, Penswick Henry, †Sandwell Stephen, Taylor Robert L., †Turner George, †Watkinson William, Yates Wm. A.

SECOND CLASS : Addison Arthur, Bancroft Fred., Brown Chas., Buckley Frank L., Chadwick A. Thomas, Dewhurst Wm., Fisher Walter, Foster Thos., Green John C., Mellor John, Moss Joseph, Newsham Fred, Perry Matthew, Stuart Eugene, Wareing James, Welsh Thomas, Whalley Frank, Whitehead Percy, Wignall Herbert, Cross Hettie, Faraday Dorothea.

PASS : Booth Hugh, Bridge Hy., Cookson James, Croasdale Wm., Deacon Jos., Gray John M., Harrison Frank, Hill Frank, Rigby Wm., Robinson John, Ryder Hy., Westwell Wm.

Shorthand.

SPEED.

120 WORDS : †Kitchen Wm. J., †Rattle Alfred C.

100 WORDS : Abbott Rd., Barnes Fred A., Bolongaro James D., Fitchie David, Rogerson Clara.

80 WORDS : Abbott Arthur, Atkinson Walter, Clarkson Albert, Fielding Jos., Garth Albert, Heatley Thomas, Marshall Frank, Seed Bertie, Williamson Edwin, Davies Eliz., Smith Edith.

60 WORDS : Barnes Edgar, Bond Robt., Charnley Jas. J., Coupe Roger, Crookes Wm., Cuerden Henry, Cunningham Rd., Edwards Russell, Hunt Frank, Iredale Sydney, Pinless Frank, Roberts Geo., Sanderson Fred, Swift John, Wareing Geo., Wilding Roger, Dewhurst Elizabeth, Dickinson Ethel, Walmsley Bertha, Walmsley Mabel, Jackson Thos. H., Martin Fred, Lucraft A., Whalley Hedley.

THEORY—ELEMENTARY.

PASS : Barton Wm., Blackledge Ernest, Burns John H., Clarke John, Cooper Sydney T., Gill Thomas, Green John, Mapp Ivor E., Margerison Harold, Norris Rbt. W., Rigg Isaac, Topping Wm., Turner Fred, Webster Thomas.

ADVANCED.

PASS : *Appleby Chas., †Blackledge Jno., †Cottom Hy., *Chadwick Arthur, *Cooper William, *Coupe Fredk., *Fisher Hy,, †Forshaw James, *Gardner Wm. F., †Gornall James, *Green Arthur, *Kenyon Thomas, *Mould Wm., *Parker Anthony, *Roberts Francis J., *Whittle Jas., †Yates A. P., †Hill Alice A., *Wilson Hubert.

Commercial Correspondence.

FIRST CLASS : *Barmby Ernest, *Coupe Roger, †Gardner Ed. W., *Maile Robert, *Moon Robert T., †Pomfret Walter, *Roe Wm. R., †Allsupp Eliza, *Bradley Clara.

SECOND CLASS : Barnes Edgar, Clarke John, Drake Wm. S., Eccleston Thos., McCann Edmund, Pomfret Chris., Bradley Florence.

PASS : Rogerson Beatrice.

Typewriting.

FIRST CLASS : †Charnley William H.

PASS : Elbourne Hbt., Heatley Thomas.

Algebra.

FIRST CLASS : Beattie James A. (Dist.), Bower Wm. G. *Dobson John M., Foster Thomas, Green John C. (Dist)., *Hodgson John R., *Jackson James N., *Livingstone Ernest, †Myerscough Thomas (Dist.), *Pickering Ed., Webb Geo. (Dist.), Swarbrick Isabel.

SECOND CLASS : Atherton John D., Attwater Fred, Bancroft Fred, Beardsworth Arthur, Best John, Brindle Daniel, Chadwick A. T., Higginbottom Thomas, Jump Harold, Kirkham Ed., Wignall Hbt., Simms Sharon, Wilkinson Sydney.

PASS : Ashcroft Herbert, Cuming Wm. H., Edwards Cecil, Edwards Russell, Forshaw Thomas, Harrison Norman W., McDougall Fredk., Park Robert, Penswick Henry, Roberts Reg., Roberts Sydney R., Yates Wm. A., Desmond Beatrice, Eastham Alyne, Swarbrick Elizabeth, Swift Florence, Upton Agnes, Winchester Jane, Coupe Fred.

Music.

ELEMENTARY.

FIRST CLASS : *Connell Albert Ed., *Duerden Hy., *Jolly Walter, *Larrington E., *Cleland Agnes, *Fish Ethel, *Mc.Auley Mary, *Park Emma, *Preston Edith, †Atkinson Isaac E.

PASS : Beaver James, Bowen Samuel.

INTERMEDIATE.

FIRST CLASS : *Knowles Herbert, Marsh Ed., †Adamson Lily (1st), †Smails Alice (2nd), †Clarkson Lily (3rd).

SECOND CLASS : Taylor John E., Hindle Elsie, Sowerby Beatrice, Whalley Florence, Wilson Emily, Price Ethel.

General Elementary Science.

FIRST CLASS : Cartmell Ed. (1st position), Attwater Fred, Beardwood Arthur, Blackhurst Arthur O., Allanson Francis, Atherton Jno. D., *Bridge Hy., Chadwick Albert T., Harrison Norman W., *Holden Albert, Holmes Roger P., Ingham Edmund, *Jamieson Jas., *Maynard Ernest S., Metcalfe Francis, *Moss Jos., Penswick Harry, †Pickering Ed., *Pilkington Thos. Wm., *Preston Joseph, Roberts Sydney R., *Singleton John, *Taylor Harry, †Turner Geo., *Unsworth Wm. W., †Waring John, *Whalley Robt., *Wilkinson Robt., †Worden Wm., Kerby Winifred A.

SECOND CLASS : Addison Arthur, Aylward William, Banks Robert, Blinkhorn Wm., Chaloner Leo N., Dobson George, Fisher Walter, Fyfe Jno., Helme Chas., Hill Frank, Robinson John H., Spencer Wm., Taylor James, Tole Jno., Whalley Frank, Yates Albert E., Nowell Margaret A.

PASS : Barclay Wm., Fazackerley Jas., Gray John M., Meredith Harold R., Smith Joseph, Snaylam John W., Durham Ellen, Atkinson Walter.

Workshop Mathematics.

FIRST CLASS : *Addison Arthur, *Bamber Ernest, *Bleasdale Thomas, †Bond Fred, †Buckley Frank L., *Chowns Arthur J., *Clarke John,

†Clucas Bruce, *Craston Albert Edward, †Critchley William, *Duckworth William, *Farmer Fred, Gibson Wm., *Gornall Jas., *Grimshaw Wm., †Hardman Hy., *Heatley Mark, *Jamieson Herbert, *Kirkham Ed., *Knowles Robert W., *Leaver Jas., †Lewis Fredk. Wm., *Longstone F. W., †Marland Geo., *Marshall Ralph, *Mashiter George, †Maynard Ernest S., †Mellor John, *Newsham Fred, *O'Leary Jas., *Parker Robert, *Pilkington Thos. H., †Pilkington John H., *Richardson James, *Rigby Wm., *Smith Wm. H., *Taylor James, *Tidyman C. G., *Ward Jas. H., *Wareing Jas., *Watkinson Wm., *Welsh Thos., †Whittaker Hy. V., *Wignall John, *Wright Rbt., †Goring Francis.

SECOND CLASS: Atkinson Ed., Bridge Hy., Brown Thomas, Chrystall John, Coates Thomas, Cookson James, Cookson John N., Cox Wm., Dobson Wm., Hill Frank, Nickson Charles, Oakey Gomer, Sandwell Stephen, Stephenson Rd., Swift Thomas, Walker Norbert, Whitehead Thomas F., Worrell Alfred, Calvin Thos.

PASS: Baldwin George, Bamber Albert, Barry James, Blezard James B., Breakell Fredk., Buck Geo. A., Cookson Thomas, Craven Percy, Duckworth Walter, Fishwick Wm., Holland John, Kelly Peter, Lamb Arthur, Moss Joseph, Ryder Hy., Simpson Henry, West Charles, Williams Percy.

ADVANCED.

FIRST CLASS: Turner George.

SECOND CLASS: Cottom Jos. T.

Bookkeeping.

ELEMENTARY.

FIRST CLASS; †Thornley John W., *Webster Hbt., †Bibby Chas., *Blackhurst J. J., *Cuerden Hy., *Dandy Herbert, Eastwood Austin,

*Eckton Wm., *Fisher Robt., †Cornall James (2nd), Harrison Cuthbert, †Hughes Horace F. (3rd), *Jackson Frank, *Jackson Tom, Mc. William Allan S., *Maile Robert, Marsh Thomas D., †Morrison Wm. H., †Ralphs John A., *Singleton Fred, *Singleton John, *Smith Hy., *Smith John F.

SECOND CLASS : Ainsworth Thomas, Barlow Andrew, Brown John, Goodyear James H., Hilton George H., Marshall Frank, Pilkington Frank, Rea Herbert H., Rimmer John, Slater Norman, Smethurst Geo.

PASS : Wilcock James A., Attwater Dorothy, Grimshaw Esther, Kellett Thos., Kitching Geo., Mart William. Pomfret Arthur G., Addison Albert R., Banks Evan, Barton Wm. H., Catterall Hy., Charnley Thomas, Clarkson Albert, Cookson Herbert, Cottom Hy., Cox James, Davies Benj. W., Derbyshire Herbert, Dimmock James, Duckworth James, Eddleston Harold, Gill Albert, Johnston Walter, Rothwell Edwin, Titterington John, Whiteside John H., Whittle Joseph, Mart Gladys, Whiteside Ada.

INTERMEDIATE.

FIRST CLASS : Abbott Rd., †Beardsworth Wm., †Coupe Roger, *Dowbiggin Fredk., †Fielding Jos., *Hodgson Chas., †Myerscough Thomas, *Parker Percival, *Pickles John, *Pomfret Chris., *Pomfret Walt., †Quick Ignatius, *Ward Thomas E., †Ward Mildred.

SECOND CLASS : Cross John, Furnival Wm., Hoon Francis J., Nightingale Joseph, Skingsley Vincent.

PASS : Barnes Fredk. A., Brown Hbt. A., Eastham Wm., Garth Albert, Gillow Edmund C., Hayes Thomas, Houghton Henry C., Johnston Fraser, Martin Fredk., Pinless Frank, Slater James, Stanway John C., Wareing Jos., Watson John W., Whittaker James.

ADVANCED.

FIRST CLASS : †Armstrong George H., †Ashworth Frank H. (Dist.), †Billing A., Brindle John W. (Dist.), Cumming Harry, †Dickinson Geo., †Nickson Frank (Dist.), †Park Hy. (Dist)., †Rowland James (Dist), †Threlfall Thomas M., Wareing Geo., †Woods Thomas L. (Dist.)

SECOND CLASS : Boonham Samuel, Brandwood Ed., Lawton Arthur, Neary Alb., Pattinson John E.

PASS : Pilkington Herbert, Timperley Percy C.

German.

ELEMENTARY.

SECOND CLASS : Bentley Gerald W., Jackson Geo., Jones John G., Pateson Dora.

Arithmetic.

ELEMENTARY.

FIRST CLASS : Beattie James A., †Blackledge John, Bower Wm. J., †Dewhurst John, *Dixon John, *Gormon Richard B., *Hall Wm., †Hampson Alb., *Hardacre Thomas, *Higginson Walter, *Kenyon Thomas, †Owen George, *Roberts David, *Rothwell Edwin, *Smith Herbert, *Stratten Jas., Wignall Herbert, *Wilson Arthur, *Wright Alfred, Yates Wm. A., Cross Hettie, *Fletcher Lily, *Lucas Bessie, *Singleton John.

PASS : Stephenson Francis, Thornley Albert, Turner Wm., Boast Sydney, Cardwell Wm. A., Charnley James J., Crowther Henry L., Dilworth Jos., Hurst Cyril, Holmes Ed., Kehoe John, Allsup Eliz., Park Robert, Parker Chas., Quigley George, Richardson John, Saul Frank, Weights Robert.

JUNIOR COMMERCIAL.

FIRST CLASS: †Ainsworth Wm. J., †Goring John, †Green H. John, Faraday Dorothea N.

SECOND CLASS: Beardsworth Jane, Ainsworth Thomas C., Baines Jas. S., Brooks Jos., Coupe Roger, Hoon Francis J., Smith Gilbert, Whitehead Hy., Whyles Jos. T., Morcella Alice, Sisson Ed.

PASS: Rose Thomas, Wareing John, Worden Wm., Bashall Ed., Brown Herbert, Johnson Wm., Dewhurst Jos., Grime Wm., Guest Thomas, Hayes Thomas, Hird George B., Kirkham Sidney, Lucraft Albert, Martin Ernest, Mayor Jas.

SENIOR COMMERCIAL.

FIRST CLASS: †Counsell Thomas (Dist.), Green Cyril, †Prescott Alfred, †Reid John W., †Wilkinson Robert.

SECOND CLASS: Coates John, Johnston Chris., Walls Mabel.

PASS: Farrington Alice.

French.

ELEMENTARY.

FIRST CLASS: Adams John, †Chaloner Albert Edward, Heywood Reg., †Hodson Wm. (Dist.), Jagger Ernest, Sanderson Fred., Whalley Hedley.

SECOND CLASS: Bentley Thomas, Booth John, May Ernest, Bourne Cyril, Cocker Albert Edward, Hunt Frank, Jump Harold, Kelly Bernard, Nelson Harold, Tipping Hy. J., Wilcock John E., Williamson Edwin.

PASS: Catterall Hy., Cuming Wm. H.

INTERMEDIATE.

SECOND CLASS : Iddon Harold, Tomlinson Hubert.

PASS : Crozier Hy. C., Rigby Ed., Richards Frank, Wignall Horace F., Breakell Florence.

ADVANCED.

FIRST CLASS : †Johnston Chris.

SECOND CLASS : Craven Richard, Wilson Sydney J., Worsley George.

PASS : Eastham William, Hughes Horace F., Houghton Clara, Parkinson Eliz., Smith Nora W., Turner Mary.

English.

ELEMENTARY.

FIRST CLASS : †Cleland Hugh, *Hayes Jos., †Fish Ethel, †Petty Mary E., *Walls Mabel.

PASS : Gornall Jas., Postlethwaite Rd., Rawcliffe Fred A., Sisson Ed., Sowerbutts Syd., Walmsley P., Adamson Lily, Cleland Marianne, Hall Selina, Titterington Elsie.

ADVANCED.

SECOND CLASS : Collins Estyn, Heywood Reg.

PASS : Hamer Ernest, Kisby Reg. S., Riches Fanny.

Latin.

ADVANCED.

FIRST CLASS : †Collins Estyn (2nd position).

SECOND CLASS : Worsley Geo.

TECHNICAL.

CITY AND GUILDS OF LONDON INSTITUTE.

† *Scholarship and Prize Awarded.*

* *Scholarship Awarded.*

Cotton Spinning.

FIRST YEAR—ORDINARY GRADE.

FIRST CLASS: Maynard Ernest S., Masheter Geo., Helme Alan C., Taylor Jas., Goodier Fred., Guest Thomas, Walsh Thomas, Oldfield Henry, Kirkham Herbert, Lund Wm.

SECOND CLASS: Pennington John, Pearson Fredk., Partington Joseph, Ashton Rd., Hulme John R., Addison Arthur, Marsden W. H., Pearson John H., Derham Robert, Jolly Herbert, Chambers James.

SECOND YEAR.

FIRST CLASS: Gill John, Howarth Thomas, Hoskinson Arthur, Jolly Herbert.

SECOND CLASS: Rigby Thomas, Slater Joseph, Whitehead Percy, Monk Wm. C., Allanson Francis, Slater Wm., Carter James.

HONOURS GRADE—SECTION A.

FIRST CLASS: Holden David, Halliwell Percy, Crozier Frank B.

SECOND CLASS: Bowdler Arthur R. H., Tipping John A.

SECTION B.

FIRST CLASS: Holden David, Halliwell Percy, Crozier Frank B.

SECOND CLASS: Bowdler Arthur, Bell Geo., Hindley Robert C., Hoskinson Arthur.

Cotton Weaving.

ORDINARY—FIRST YEAR.

FIRST CLASS: Storey Wallace F., Blackhurst Ernest H., Blackhurst Herbert, Worthington Richard, Watkinson Wm., Preston Joseph, Jackson Thomas, Mould Fred., Slinger Richard W., Holden Arthur, Goring John, Rigby Wm., Moss Joseph, Spencer Herbert, Fielding Joseph.

SECOND CLASS: Whalley John, Battersby Robt., Whalley Frank, Jackson William, Dobson Joseph, Hothersall Thomas, Whittle John, Leaver Joseph E., Wignall Thomas, Garstang John, Roberts Fred., Manley Rd., Fisher John, Waring Jas., Wilkinson John, Rogerson Henry A., Cookson James, Peak Cyril, Ashby Wm., Duckett John H., Anderton William, Jackson William, Raby Robt., Evans Wm., Pilkington Thos. W., Sandwell Stephen.

ORDINARY—SECOND YEAR.

FIRST CLASS: Clucas Bruce, Bailey Rd. T., Taylor Thos. S.

SECOND CLASS: Townley Robt., Wilkinson Robt., Ryder Henry, Rose Philip, Fiddler Thos., Oddie John, Forshaw Thomas, Healey Ed. S., Scholfield Newton, Johnson Wm., Mellor John, Lynch John, Smith Gilbert, Haworth Thomas.

SECTION A—HONOURS GRADE.

FIRST CLASS: Marland Thomas R., Johnson Christopher.

SECOND CLASS: Arnett Robt., Abbott Philip, Garnar Wm. T., Booth Hugh.

SECTION B.

FIRST CLASS: Johnson Christopher, Abbott Philip.

SECOND CLASS: Arnett Robt., Marland Thomas R., Garnar Wm. T., Booth Hugh.

Plumbers' Work.

PRELIMINARY GRADE.

PASS: Wareing John, Barclay Wm., Fyfe John, Tuer George.

ORDINARY.

PASS: Merrett James C., Baron Nicholas.

PRACTICAL—ORDINARY.

PASS: Quick Hy., Taylor Harry, Baron George, Hall James, Corbishley Robert.

HONOURS.

FIRST CLASS: Denley Chas.

SECOND CLASS: Pilkington James, Cross Robert.

Principles of Plumbing.

HONOURS.

SECOND CLASS: Thacker Wm. F.

Boiler Makers' Work.

ORDINARY.

FIRST CLASS: Whalley Benjamin, Vernon Chas. N.

HONOURS.

FIRST CLASS: Beardsworth James B., Eastham Bertie H., Shakeshaft Fred.

SECOND CLASS: Berry Wm., Goward Albert.

Mechanical Engineering.

ORDINARY—PART I.

PASS : Clough Wm., Coupe Roger, Southworth Hy., Holmes Herbert, Allsup Wm., Seed Percy W., Duckworth Thomas, Crooke Fred, Berry Robert, Barrett Albert E., Taylor Thomas, Brown Herbert, Wardley Thomas.

ORDINARY—PART II.

FIRST CLASS : Clough Wm.

SECOND CLASS : Coupe Roger, Southworth Hy., Holmes Herbert, Seed Percy W., Barrett Albert E., Brown Herbert F., Rigby Wm.

HONOURS.

SECOND CLASS : Souden Fredk., Wright Chas. A.

Electric Light and Power.

PRELIMINARY.

PASS : Clayton Henry, Taylor John W., Smith George F., Harrison Norman W., Travis Wm., Baker Arthur C., Macklin Thornton B., Thorn Terrance C., Gibbs Crinis, Lucas Leonard, Elliott Thomas, Poole Edgar, Goward Albert, Thompson Sidney E., Berry Robt., Allsup Wm., Turner Francis, Dixon James, Gilchrist Andrew.

ORDINARY.

SECOND CLASS : Smith Allan, Burton Wm. T. P., Souden Fred H., Farrer Fred, Baker Arthur C., Walker William.

HONOURS.

SECOND CLASS : Brown Robert C., Travis Wm., Shakeshaft Fred., Berry Wm.

Brickwork.

ORDINARY.

FIRST CLASS : Swift Thos., Spencer Henry, Hull Hugh W., Saul Thomas P., Harding John, Jackson Thomas H., Foster Thomas, Dandy Charles, Turner Thomas J., Hargreaves Herbert.

SECOND CLASS : Coward William.

HONOURS.

FIRST CLASS : Roberts Reg., Bailey Thomas R.

SECOND CLASS : Pinder Fredk N., Nowell Samuel, Sandham Benj., O'Neill Herbert.

Masonry.

ORDINARY.

FIRST CLASS : Jackson Thomas H., Dandy Chas., Foster Thomas, Pinder Fredk. H., Hull Hugh W., Turner Thomas J., Saul Thomas P.

SECOND CLASS : O'Neill Herbert, Coward Wm., Spencer Harry, Harding John.

HONOURS.

SECOND CLASS : Bailey Thomas R., Sandham Benj.

Carpentry and Joinery.

ORDINARY.

FIRST CLASS : Dandy Chas., Coward Rd., Goring Francis, Rigby Sidney E.

SECOND CLASS: Gardner George F. Dennison, Duckett Thomas A., Hayes B., Cottam Joseph T.

Typography.

PRELIMINARY.

PASS: Holgate Wm., Hayes Wm., Webster Wm., Ford Walter, Moss Chas., Austin Wm. H., Butler Fred J., Haines Thomas, Melling Jos., Cartmell Fred, Wright Robert, Taylor John, Walton John.

ORDINARY.

FIRST CLASS: Amer James H., Banks Fred.

SECOND CLASS: Pickles Arthur.

Motor Car Engineering.

ORDINARY.

FIRST CLASS: Cox William J.

LIVERPOOL UNION DIPLOMAS.

Laundry.

FIRST CLASS : SVNATION RES[illegible] 07.
W[illegible]

BOOKKEEPING. [illegible]E III.

[illegible]D CLASS : Armstrong George H., Ashworth Frank
SEC[illegible] H., Billing Artu[illegible], [illegible]onham Saml., Brindle
FIRST CLASS : Troop Gertrude.

HARRIS INSTITUTE DIPLOMAS.

Confirmed by Board of Education.

Laundry.

FIRST CLASS : Seed Amelia, Clarkson Ethelwyn, Kirkham Edith, Gregson Florence, Parry Ida.

SECOND CLASS : Kirkby Alice R., Richardson Mary.

ST. JOHN AMBULANCE ASSOCIATION.

Ambulance.

MEDALLIONS GAINED : Chapman Maude, Gibson Jane, Egerton Ruth, Deevy Josephine, Robinson Aileen, Butcher Elizabeth, Seddon Lucy, Maudesley Alice, Wilkinson Sarah, O'Halloran Mary.

FIRST AID CERTIFICATES : Clarkson Ethelwyn, Latham Alice, Petrie Ruby, Brown Amy, Buckley Sarah, Bradshaw Nellie, Brown Constance, Chambers Annie, Gregson Florence, Hodgkinson Nellie, Howard May, Kirkby Alice, Lewis Lily, Melling Rachel, Sowerby Lilian, Kirkman Edith, Richardson Mary, Ainley Annie, Breakell Lillie, Crook Jessie, Willmoth Agnes, Bridge Mary, Chambers Bertha, Heaton Alice, Hind Annie, Johnson Ethel, Lawrenson Margaret, Parker Maggie, Seed Amelia, Larrington Ethel.

SICK-NURSING CERTIFICATES : Clarkson Ethelwyn, Kirkman Edith, Latham Alice, Seed Amelia, Richardson Mary, Buckley Sarah, Bradshaw Nellie, Brown Amy, Crook Jessie, Heaton Alice, Gregson ce, Kirkby Alice, Petti Ruby, Rush- len, Breakell Lilli eed Mary, Constance, Bridge Chambers A ind Annie, Howard M y, Larrington Ethel, O'Kane Bridget, Johnson Ethel, La Margaret, Parke Maggie.

UNION OF LANCASHIRE AND CHESHIRE INSTITUTES.

* *Prize Awarded.*

Cookery (Practical).

ADVANCED.

FIRST CLASS : Bolton Edith C. (Dist.), Billington Margaret, Dilworth Clementina, Tattersall Nellie.

ELEMENTARY.

FIRST CLASS : Buckley Sarah, Dawson Mary, Hill Emma, Hind Annie, Lillie Julia, Wright Mabel.

SECOND CLASS : O'Kane Bridget, Pearson Muriel, Templeton Mary E.

Cookery (Principles of).

ELEMENTARY.

FIRST CLASS : *Bolton Edith C. (Dist.), *Buckley Sarah E. (Dist.), *Billington Margt., *Hill Emma, *O'Kane Bridget, Smith Edith.

SECOND CLASS : Dawson Mary Jane, *Hind Annie, Mitchell Martha, Pearson Muriel.

PASS : Lillie Julia, Wright Mabel A.

Dressmaking.

ELEMENTARY.

SECOND CLASS: *Iddon Georgina, Wallace Florence, *Anderton Annie.

PASS: Innis Lillie, Taylor Jennie, Innis Jane A.

INTERMEDIATE.

SECOND CLASS: Barnes Eliz., Billington Mary, Calderbank Helen, Cottam Florence, Dawson Mary, *Grimbaldeston Annie, Grimshaw Margt., Lennox Annie, Newbound Gladys, *Park Florence, Richardson Queenie, Robinson Mary, Yates Jane A., Turner May, *Whittingham Elizabeth.

PASS: Mc. Ainley Mary.

ADVANCED.

FIRST CLASS: Fowler Jessie, Loftus Beatrice, Shorrock Ethel, *Stubbs Evelyn, Walmsley Martha, *Wright Violet.

SECOND CLASS: Fawcett Annie, Fawcett Clara, Price Edith, Walton Jennie.

Millinery.

ADVANCED.

FIRST CLASS: Duckworth Florence E., Livesey Isabel.

ELEMENTARY.

FIRST CLASS: Blackburn Edith, Ainsworth Mary, Airey M. J., Cowburn Fanny, *Etherington Elizabeth, Fisher Emily, *Foster Annie, Hargreaves Mary E., Lillie Kathleen, *Park Florence, Smith Ethel B., Whittle Polly, *Wright Violet.

SECOND CLASS: Dennis Elsie, Harris Pollie.

LOCAL EXAMINATION RESULTS.

† *Scholarship and Prize Awarded.*
* *Scholarship only Awarded.*

Shorthand.

ELEMENTARY.

FIRST CLASS : †Ashworth Jas. H., †Attwater Dorothy, †Beesley Thos., †Bradley Florence, †Gregson George, †Wilcock Arthur J., *Barker Sydney, *Blackhurst John J., *Blacow Thomas R, *Bradley Clara, *Hepworth Chas., *Hindson Herbert, *Jackson Harold, *Kell Thomas W., *Kinnear Jas., *Pomfret Arthur, *Lawrence Robinson, *Sephton Edith E., *Simpson Charles, *Sowerbutts Syd., *Stott Wm. T., *Swift William E., *Wareing Elizabeth, *Wilkinson Jas. W.

SECOND CLASS : Addison Albert R., Bulling Wm. E., Calderbank Evan, Chadwick Samuel, Dandy Herbert, Derbyshire Herbert, Dodgson Alec, Ellison Arthur, Goodman Joseph, Gore Thomas, Hall Wm. G., Higson Jas., Hindley Hbt., Hopkinson Sylvester, Jackson Geo., Jones John F., MacLachlin Alexander, Martin John A., Meyler Eric D., Miller Kate, Milner Ernest, Morris Percy C., Morrison Wm. H., Nelson Horatio, Pickles Tom, Sanderson Fred, Singleton Thomas, Smith Herbert, Spencer Henry, Tattersall H., Titterington John, Waddington John C., Wood John.

THIRD CLASS : Alston Fredk., Ashworth Wm., Atkinson John, Atkinson Thomas H., Blockley Ern., Bramwell Hy., Clarke Albert, Coupe Jno. S., Cox Jas., Dewhurst Arthur, Dewhurst James, Dixon Jno., Durham Robert, Eaton Bessie R., Fazackerley Harold, Fielding Sam., Harrison Wm., Heald Ed., Little James, Molyneaux Arthur, Rivers Jos. W., Salter Robert T., Sephton Jos., Sparling Arthur, Thomas Fredk., Walker Charles, Wilkins John, Wilkins Wm. G., Clarkson Wm., Worthington Thomas P.

Vocal Music.

ELEMENTARY.

PASS : *Smethurst Dora, *Fender Florence M., *Wood Robina M., *Haworth Thomas, *Lonsdale Maggie, *Lonsdale Lizzie, Pearson May, *Walmsley Alice A.

ADVANCED.

PASS : *Littlefair Edward F., *Winder Loreto, *Johnstone Hilda, *Wilson Helen, *Clegg Florence, *Verity Clara, *Lillis Catherine, *Ainsworth Fanny, *Pearson Hannah, *Hartley Jane, *Hind Wm. H., *Larrington Ebenezer, *Nowell Frances.

Electrical Engineering Calculations.

FIRST CLASS : (Distinction) *Lucas Leonard, *Walker William, Berry William.

FIRST CLASS : Poole Edgar, *Jackson Tom, *Huggins Wm., Souden F. H., Wood Frederick F., *Smith F., *Bilsborrow Ed., *Machlin T. B., Ayres Geo. H.

SECOND CLASS : Berry Robt., Rayton J. F., Elliott Thomas, Goward A., Cahill Jos. B., Clayton H., Milner H. W., Allsup W., Taylor John W., Cowell Rd., Hippolite F. W.

Typewriting.

FIRST CLASS : *Coupe Fredk., *Chadwick Arthur, *Clarkson C. W., *Heatley Thomas, *Molyneaux Arthur, *Sephton Edith E.

SECOND CLASS : Charnley Wm. H., Moffatt T. H., Morris P. C., MacLachlan A., Ralphs John, Wareing E., Attwater Dorothy, Gardner Philip, Miller, Kate.

THIRD CLASS : Rea Herbert H., Hodson Chas., Hill Alice A., Widdowson Ida, Brown E. H., Fazackerley H., Sharples Mary.

Table showing the number of Students who sat for Examination in connection with the Board of Education at the Harris Institute, April, May, and June, 1907.

SUBJECT.	Harris Institute	Externals.	Total.
ART.			
Geometrical Drawing	15	2	17
Freehand Drawing	108	21	129
Model Drawing	98	1	99
Drawing, Light and Shade	36	...	36
Perspective	15	1	16
Design	32	1	33
Drawing from Antique	10	..	10
Drawing Common Objects	12	1	13
Drawing from life	10	...	10
Painting Still Life	11	1	12
Architecture	9	...	9
Architectural Design	7	...	7
Drawing Antique from Memory	4	...	4
Memory Drawing of Plant Form	14	...	14
Anatomy	2	...	2
Painting Ornament in Monochrome	15	1	16
Historic Ornament	1	...	1
Principles of Ornament	4	2	6
Modelling Antique	2	...	2
Modelling from Life	3	...	3
Modelling Design	7	..	7
Blackboard Drawing	17	...	17
SCIENCE.			
Applied Mechanics	56	...	56
Agriculture	53	...	53
Botany	25	1	26
Building Construction	92	...	92
Chemistry, Theoretical	111	5	116
Chemistry, Practical	57	...	57
Chemistry, Organic	7	...	7
Elementary Science of Common Life	23	..	23
Geology	18	...	18
Human Physiology	4	4	8
Heat	6	...	6
Hygiene	31	5	36
Machine Construction	123	...	123
Mathematics	73	4	77
Mathematics, Practical	84	1	85
Magnetism and Electricity	45	...	45
Physiography	19	2	21
Practical Plane and Solid Geometry	55	...	55
Steam and Steam Engine	50	...	50
Sound, Light, and Heat	12	1	13
Theoretical Mechanics	15	...	15
TOTALS	1391	54	1445

In addition to the foregoing Table, the following shows the number of Students of the Harris Institute examined in connection with other Classes.

City and Guilds of London :—

Electric Light and Power	50	
Cotton Spinning	63	
Cotton Weaving	108	
Carpentry and Joinery	37	
Plumbing	42	
Brickwork and Masonry	35	
Mechanical Engineering	58	
Typography	23	
*Boilermakers' Work	9	
*Telegraphy	4	
*Motor Car Engineering	1	
		430

Society of Arts :—

Shorthand	7	
Bookkeeping	21	
		30

Lancashire and Cheshire Union of Institutes :—

English	36	
Latin	2	
French	51	
German	7	
Carried forward	460	

Brought forward	460	
Arithmetic	113	
Bookkeeping	146	
Commercial Correspondence	20	
Shorthand	162	
Typewriting	4	
Algebra	58	
Elementary Science	57	
Practical Drawing	51	
Workshop Mathematics	110	
Music	25	
Cookery	27	
Dresscutting	32	
Millinery	17	
		918

Examined Locally—

Music (Staff Notation)	30	
Shorthand	97	
Ambulance	76	
Pupil Teachers' Classes	190	
Electrical Engineering Calculations	32	
School of Agriculture	308	
Typewriting	24	
		757
TOTAL		2135

* Candidates sitting for these Examinations are Students attending the Institute. No Special Classes held in these subjects.

Harris Institute, Preston. Abstract of Class Registers, 1906-7.

Name of Class.	October. No. on Reg.	October. Av'rage attendance.	November. No. on Reg.	November. Av'rage attendance.	December. No. on Reg.	December. Av'rage attendance.	January. No. on Reg.	January. Av'rage attendance.	February. No. on Reg.	February. Av'rage attendance.	March. No. on Reg.	March. Av'rage attendance.	April. No. on Reg.	April. Av'rage attendance.	Number who sat for Examination.	Number Passed.
SCIENCE.																
Applied Mechanics, Stage I.	36	32	36	31	36	30	37	30	37	30	37	28	37	27	22a	18a
Do. Stages II. and III.	19	17	19	17	19	17	19	15	19	14	19	14	19	13	17a	13a
Do. Practical, II. and III.	15	14	15	14	15	14	15	12	15	11	15	10	15	11		
Botany, Stage I.	11	9	11	9	11	8	11	8	11	7	11	6	11	6	}	
Do. Stage II.	4	4	4	4	4	3	4	3	4	2	4	2	4	2	} 7a	6a
Do. Practical, Stages I. and II.	11	9	11	9	11	8	11	8	11	6	11	5	11	6		
Biology, Stage I.	10	9	10	9	10	8	10	8	10	7	10	7	10	8		
Chemistry, Theoretical, Stage I.	37	34	37	33	37	32	37	31	37	30	37	30	37	30	16a 62a PT	11a 58a PT
Do. do. Stage II.	29	24	29	23	29	23	29	22	29	21	29	20	29	19	16a	8a
Do. Practical, Stage I.	34	32	34	30	34	29	34	26	34	25	34	25	34	23	18a	13a
Do. do. Stage II.	23	18	23	16	23	15	23	15	23	15	23	14	23	14	11a	10a
Do. do. Stage III.	6	5	6	5	6	4	6	4	6	4	6	4	6	4	6a	0a
Do. Theoretical, Organic, Stage I.	9	9	9	9	9	8	9	7	9	6	9	6	9	7	7a	4a
Human Physiology, Stage I.	6	5	6	5	6	4	6	3	6	3	6	3	6	4	4a	2a
Do. Practical, Stage I.	6	5	6	5	6	4	6	3	6	3	6	3	6	4		
Hygiene, Stage I.	19	16	19	15	19	14	19	13	19	12	19	12	19	13	18a	13a
Do. Stage II.	14	12	14	11	14	10	14	9	14	8	14	7	14	9	13a	11a
Machine Construction, Stage I.	156	148	156	125	156	124	156	108	156	99	156	99	156	101	51c 71a	48c 53a
Do. do. Stages II. and III.	35	30	35	30	35	30	35	25	35	25	35	26	35	24	33a 50b	17a 18b
Mathematics, Preliminary Stage	22	19	22	18	22	17	22	17	22	16	22	15	22	16	58c	44c
Do. Stage I.	36	31	36	30	36	28	36	20	36	22	36	23	36	25	11a 29a PT	6a 22a PT
Do. Stage II.	21	19	21	18	21	17	21	15	21	15	21	14	21	15	} 16a 17a PT	12a 9a PT
Do. Stage III., etc.	6	5	6	4	6	5	6	5	6	5	6	5	6	5	}	
Do. Practical, Stage I.	74	62	74	60	74	60	74	52	74	46	74	46	74	47	39a	25a
Do. do. Stage II.	35	33	35	30	35	30	35	26	35	25	35	24	35	23	23a	13a
Magnetism and Electricty, Stage I.	69	60	75	59	75	60	76	52	76	50	76	49	76	49	25a	17a
Do. do. Stage II.	7	6	7	5	7	5	7	5	7	5	7	5	7	5	2a	1a
Do. do. Practical, Stage I.	...		74	60	74	60	76	50	76	47	76	48	76	47		
Practical, Plane and Solid Geometry, Stage I.	88	84	88	78	88	76	88	64	88	61	88	60	88	61	37a	12a
Do. do. do. Stage II.	9	8	9	9	9	9	9	7	9	6	9	6	9	6	8a	7a
Physiography, Stage I.	25	19	26	19	26	19	26	19	26	20	26	21	26	20	8a 11a PT	4a 7a PT
Do. Practical	24	19	25	19	25	17	25	18	25	19	25	18	25	19		
Sound, Light and Heat, Stage I.	16	16	18	17	18	17	19	16	19	17	19	17	19	17	12a	7a
Do. do. Practical, Stage I.	16	16	17	15	17	15	19	17	19	16	19	15	19	16		
Steam, Stage I.	32	27	33	28	33	27	33	23	33	21	33	22	33	21	17a	11a
Do. Stages II. and III.	24	23	24	21	24	21	24	18	24	18	24	19	24	18	17a	12a
Do. Practical, Stages II. and III.	19	18	20	17	20	17	20	15	20	15	20	14	20	15		
Theoretical Mechanics, Solids, Stage II.	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3a	3a
Do. do. Fluids, Stage II.	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3a	2a
Building Construction, Stage I.	75	70	76	68	76	66	76	61	76	60	76	59	76	60	46a	37a
Do. do. Stage II.	37	35	37	34	37	34	37	34	37	32	37	32	37	30	}	
Do. do. Stage III.	16	15	16	14	16	14	17	15	17	14	17	14	17	14	} 46a	36a
Preliminary Science	16	11	16	9	16	8	16	8	16	8	16	8	16	8	}	
Do. do. Textile and Plumbing	65	54	65	54	62	54	62	47	62	47	67	46	67	47	} 57c	47c
ART.																
Day Classes	26	23	27	23	28	22	29	25	30	26	30	28	30	28	}	
Evening Classes	171	160	175	160	176	169	180	159	182	160	182	161	182	160	}	
Modelling Classes	12	12	12	11	12	10	12	10	12	10	12	9	12	10	}	
Designs, Textile	11	10	11	10	11	10	11	10	11	10	11	10	11	10	} 432a	274a
Blackboard Drawing	20	19	21	19	21	18	21	18	22	19	22	20	22	19	}	
Pupil Teachers, Day	190	188	190	186	190	187	190	187	190	186	190	185	190	186	}	
Elementary Teachers	62	58	62	56	62	55	62	55	62	56	62	55	62	55		
Elementary Assistant Teachers	118	115	118	112	118	110	118	108	118	107	118	106	118	106		
Painters and Decorators	...	...	13	12	13	12	13	12	13	12	13	12	13	12		
TECHNICAL.																
Brickwork and Masonry, Ord. and Hons.	22	22	22	19	22	19	22	16	22	16	22	16	22	17	17b Mas. 18b Bwk.	14b Mas. 18b Bwk.
Carpentry and Joinery, Ord. and Hons.	72	69	72	59	72	56	73	55	73	50	73	50	73	51	37b	13b
Cotton Spinning, 1st year	54	52	57	51	57	50	59	45	59	45	59	45	59	44	36b	21b
Do. 2nd year	28	26	30	26	30	26	30	24	30	19	30	19	30	19	12b	11b
Do. Honours	11	9	11	7	11	7	11	8	11	8	11	8	11	9	15b	12b
Do. Practical	93	86	98	85	98	85	100	76	100	74	100	73	100	75		
Cotton Weaving, 1st year	138	127	138	120	138	122	138	108	138	100	138	100	138	101	63b	41b
Do. 2nd year	28	25	29	24	29	25	29	21	29	17	29	16	29	18	31b	18b
Do. Honours	19	17	19	16	19	16	19	16	19	14	19	14	19	13	14b	14b
Do. Practical	167	152	167	153	167	153	167	122	167	123	167	126	167	128		
Plumbers' Work, Preliminary	26	24	26	22	26	22	26	19	26	18	26	19	26	20	16b	4b
Do. Ordinary Grade	9	5	9	8	8	8	8	5	8	7	8	7	8	7	}	
Do. Honours Grade	13	12	13	10	14	10	14	[illegible]	14	[illegible]	14	[illegible]	14	9	} 26b	11b
Do. Practical, Preliminary	29	26	31	25	31	25	31	20	31	16	31	16	31	17	14b	11b
Electric Light and Power, Ordinary Grade	28	24	30	19	30	20	30	23	30	18	30	18	30	18	13b	5b
Do. do. Honours Grade	17	[illegible]	17	14	17	14	17	[illegible]	17	[illegible]	17	[illegible]	17	9	6b	2b
Do. do. Practical	46	44	46	40	46	36	46	36	46	30	46	30	[illegible]	[illegible]		
Electrical Calculations	15	12	15	11	15	11	15	10	15	10	15	9	15	8	32c	23c
Do. Mathematics	5	5	5	5	5	5	5	5	5	5	5	5	5	4		
Typography	28	27	28	26	28	26	28	24	28	26	28	24	28	25	23b	16b
Workshop Arithmetic	200	170	201	170	201	172	201	129	201	127	201	128	200	129	110c	85c
Woodwork, Boys	200	197	200	196	200	195	200	194	200	179	200	180	200	181		
SCHOOL OF DOMESTIC SCIENCE.																
Continuation Classes	504	490	504	484	504	480	504	475	504	470	504	460	504	450	Cookery 27c, D'm'ing 32c, Millin'y 17c, Ambul'ce 76	25c, 32c, 17c, 66
Teachers in Training	33	33	33	33	33	33	33	33	33	33	33	33	33	33		
Technical Classes	79	76	79	74	79	72	79	74	79	69	79	66	79	65		
Day Classes	36	36	36	35	36	34	36	34	36	33	36	30	36	32		
Children from Elementary Schools	691	681	691	679	691	676	691	679	691	680	691	679	691	680		
SCHOOL OF AGRICULTURE.																
Agriculture	66	65	66	64	66	66	66	64	64	64	64	64	64	62	53a	47a
Agricultural Chemistry	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12e	12e
Organic Chemistry	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15e	15e
Theoretical Chemistry	66	65	66	65	66	65	66	64	66	65	66	64	66	64	26a	20a
Practical Chemistry	45	44	45	44	45	45	45	45	45	45	45	45	45	44	22a	8a
Bookkeeping	33	33	33	33	33	33	33	32	33	32	33	32	33	32	33e	33e
Botany, Zoology and Geology	53	52	53	52	53	53	53	52	53	52	53	52	53	51	18aBt. 18aGy.	10aBt. 14aGy.
Bacteriology	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12e	12e
Engineering	24	24	24	24	24	24	24	24	24	24	24	24	24	24	23e 2a 24e	21e 2a 23e
Veterinary Science	29	28	29	28	29	29	29	29	29	29	29	29	29	28	29e	27e
Drawing	40	39	40	40	40	39	40	37	40	38	40	38	40	38	40e	38e
English and Arithmetic	40	39	40	40	40	40	40	39	40	38	40	38	40	38	40e	38e
Physics	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16e	14e
Mathematics	37	36	37	37	37	37	37	36	37	34	37	34	37	33	36e	34e
Surveying	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16e	15e
Electricity	12	12	12	12	12	12	12	12	12	12	12	12	12	11	12e	12e
MISCELLANEOUS.																
Music, Rudiments	19	18	19	17	19	17	19	12	19	11	19	11	19	11	[illegible]	23c
Do. Intermediate	19	18	20	13	20	13	20	12	20	12	20	12	20	12		
Singing, Staff Notation	51	49	51	47	51	45	51	43	51	42	51	44	51	42	[illegible]	21c
Geography	10	9	10	9	10	8	10	7	10	8	10	8	10	[illegible]		
French, Elementary Stage	40	37	40	35	40	34	40	32	40	31	40	32	40	[illegible]	[illegible]	38c
Do. Advanced Stage	28	25	28	24	28	23	28	22	28	21	28	21	28	[illegible]		
German	11	8	11	8	11	7	11	5	11	5	11	5	11	[illegible]	[illegible]	4c
Latin	4	4	4	4	4	4	4	3	4	3	4	3	4	[illegible]	[illegible]	2c
Shorthand, Elementary Stage	114	110	116	109	116	109	117	100	117	100	117	99	117	[illegible]	[illegible]6c	87e 33c
Do. Advanced Stage	216	196	218	178	218	178	221	166	221	160	221	152	221	[illegible]	[illegible]6c	9d 42e
English, Elementary Stage	44	39	44	38	44	37	44	36	44	37	44	38	44	38	[illegible]c	20c
Do. Advanced Stage	14	11	14	10	14	10	14	10	14	10	14	9	14	9		
Do. Certificate	10	9	10	9	10	9	10	9	10	9	10	9	10	9		
English Literature	12	9	12	9	12	8	12	8	12	8	12	10	12	10		
Theory of Education	12	10	12	10	12	9	12	9	12	10	12	10	12	10		
Arithmetic, Elementary	55	52	55	52	55	51	55	42	55	41	55	40	55	40	} 113c	81c
Do. Advanced	87	82	88	78	88	78	88	67	88	68	88	68	88	68	}	
Bookkeeping, Elementary	116	107	118	100	118	102	118	80	118	77	118	77	118	77	} 146c 21d	116c 14d
Do. Advanced	107	86	107	87	107	86	108	74	108	77	108	80	108	80	}	
Typewriting	30	26	30	27	30	28	30	27	30	27	30	27	30	27	24e 4c	22e 3c
Commercial Correspondence	33	30	32	26	32	25	32	21	32	21	32	21	32	21	20c	17c
Pupil Teachers	190	187	190	188	190	187	190	187	190	186	190	187	190	185	190	175
DAY CLASSES.																
Chemistry, Cookery Students	13	11	13	11	13	12	13	12	13	13	13	13	13	13	14a	13a
Magnetism and Electricity, Stages I. and II.	16	16	17	16	17	16	21	19	21	19	21	20	21	19	18a	16a
Do. do. Practical	16	16	19	17	19	17	23	17	23	19	23	19	23	19		
Theoretical Mechanics, Stages I. and II.	17	16	19	18	19	18	24	20	24	23	24	23	24	23	9a	9a
Mathematics, Stage I.	7	7	8	7	8	7	11	10	10	10	10	10	10	10		
Do. Practical, Preliminary	10	10	10	9	10	9	13	9	13	11	13	11	13	11	}	
Do. do. Stage I.	10	8	10	8	10	8	10	8	10	8	10	8	10	8	} 9a	6a
Do. do. Stages II. and III.	8	8	8	8	8	8	8	8	8	8	10	8	10	8	}	
Sound, Light and Heat, Stage II.	8	8	8	8	8	8	8	7	8	6	8	6	8	6	13a	8a
Physics, Theory	8	8	9	8	9	8	12	10	13	12	13	12	13	12	6a	6a
Do. Practical	8	8	10	9	10	9	13	11	14	14	14	14	14	14		
Electric Light and Power, Theory	17	16	17	16	17	16	17	16	19	16	19	16	19	16	17b	11b
Do. do. Practical	17	17	17	16	17	16	17	16	17	15	17	15	17	15		
Applied Mechanics, Stage I.	8	8	8	8	8	8	8	9	8	8	8	8	8	8	8a St. II, 7a	8a St. II, 6a
Steam, Stages I. and II.	9	9	9	9	9	9	9	9	9	8	9	8	9	8	S1. 8a S. II. 8a	S1. 7a, S. II. 7a
Machine Construction, Stages I., II. and III.	19	19	19	18	19	18	19	18	19	17	19	17	19	17	19a	15a
Practical Plane and Solid Geometry	16	16	16	16	17	16	19	17	19	17	19	17	19	17	10a	9a
Mechanical Engineering	18	18	18	18	18	16	18	17	18	16	18	17	18	16	9b	5b
Do. do. Practical	17	17	17	17	17	17	17	17	17	15	17	16	17	15		
Chemistry	20	20	20	20	20	19	20	19	20	19	20	19	20	18		
Commercial	10	10	10	10	11	10	12	10	15	14	15	14	15	13		
Dental	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
Matriculation	5	5	5	5	5	5	5	5	6	6	6	6	6	6		
	6458	6059	6598	5968	6599	5985	6651	5594	6660	5393	6667	5464	6667	5463	3513	2498

a Science and Art. b City and Guilds. c Lancashire and Cheshire. d Society of Arts. e Local.

Number of Individual Students, 3987.

Dec. 31.—	,, County of Lancaster, 6 months' Interest (less tax), on £15,000, at 3½ per cent.	249	7	6		
	,, Do. do. on £14,000 at 3½ per cent.....	232	15	0		
1907.						
Feb. 28.—	,, Corporation of Preston, 6 months' Interest (less tax), on £5,000, at 3¾ per cent..	89	1	3		
	,, Do. do. on £7,000, at 3¾ per cent. and on £1,600 at 3½ per cent.....	151	5	9		
Mar. 31.—	,, Do. do. on £15,000, at 3½ per cent.....	267	3	9		
June 30.—	,, County of Lancaster, 6 months' Interest (less tax), on £15,000, at 3½ per cent.	249	7	6		
	,, Do. do. on £14,000, at 3½ per cent.....	232	15	0		
Aug. 31.—	,, Corporation of Preston, 6 months' Interest (less tax), on £5,000, at 3¾ per cent..	89	1	3		
Sept. 30.—	,, Do. do. on £15,000, at 3½ per cent.....	267	3	9		
Aug. 31.—	,, Do. do. on £7,000, at 3¾ per cent., and on £1,600 at 3½ per cent.....	151	5	9		
					1979	6	6
					£59579	6	6
	To Balance brought down.....	57600	0	0			
					£57600	0	0

December 21st, 1907.—Examined and found correct,
W. L. MOORE, F.C.A., Auditor.

	Interest from Endowment.....				1979	6	6
	,, Balance carried down.....	57600	0	0			
					£59579	6	6
	By Invested with Corporation of Preston— £16,000 at 3½ per cent., £12,000 at 3¾ per cent.....	28600	0	0			
	Do. do. County of Lancaster, at 3½ per cent.....	29000	0	0			
		£57600	0	0			

Exhibited, WILLIAM ASCROFT, J. H. HAMMOND,
FRANK HOLLINS, R. W. ASCROFT,
GEO. STEELE.
T. R. JOLLY, Secretary to Trustees.

HARRIS INSTITUTE.—RECEIPTS AND EXPENDITURE FOR THE YEAR ENDED SEPT. 30TH, 1907.

RECEIPTS.	£	s.	d.	£	s.	d.
To Interest from Capital	1979	6	6			
Less—One-eighth to Scholarship Fund	247	8	4			
	1731	18	2			
,, FEES AND GRANTS:—						
Science Fees	265	14	6			
,, Grants	1484	16	0			
Art Fees	97	5	6			
,, Grants	395	0	0			
Technical Fees	154	3	0			
Cookery Fees	1260	2	8			
,, Grants	243	15	6			
P.T. Centre Grants	905	3	4			
Commercial Fees	857	1	4			
,, Grants	223	13	6			
Analytical Fees	38	3	6			
Examination Fees (External)	8	9	0			
Grant—Corporation of Preston	1000	0	0			
,, County Council	650	0	0			
,, Advanced Students (County Council)	201	5	0			
,, Board of Agriculture	150	0	0			
,, Income Tax returned	105	18	6			
,, Subscriptions	14	14	0			
				9787	3	6
,, Overdrawn, 30th September, 1907				94	19	1
				£9882	2	7

PAYMENTS.	£	s.	d.
By Salaries of 57 Lecturers and Assistants at Institute and Technical School	4593	8	11
,, Salaries of 18 Lecturers and Assistants at Cookery School	949	11	10
,, Secretary, two Custodians, Engineer and Assistant, and Examiners	628	7	10
,, Alterations, Additions, and Repairs	130	8	10
,, Apparatus, Re-agents, Material for Trade Classes, Books, Life Studies, &c.	633	19	8
,, Printing and Stationery	127	17	2
,, Advertising	49	10	1
,, Lighting, Firing, and Water	461	4	2
,, Washing and Cleaning	199	7	7
,, Rates, Taxes, and Insurance	214	16	8
,, Examination Fees and Expenses	229	8	7
,, Distribution of Prizes	51	16	0
,, Expenses, School of Domestic Science	549	6	2
,, Travelling Expenses—Teachers for Selection and Agricultural Students to Farms	59	10	2
,, Miscellaneous Expenses	82	1	2
,, Paid Balance Owing for Additions, Cookery School; New Windows, Art School; and Painting at Avenham Institute	331	18	2
,, Bank Charges	23	4	10
Cookery - 124 - 0 - 0			
	9315	17	10
	£	s.	d.
Due to Bank 30th September, 1906	1066	4	9
Less—Received from Borough Treasurer after Audit	500	0	0
	566	4	9
	£9882	2	7

December 21st, 1907.—Examined and found correct,
W. L. MOORE, F.C.A., Auditor.

W. ASCROFT, President.
T. R. JOLLY, Secretary.

HARRIS INSTITUTE.

SCHOLARSHIP AND PRIZE FUND, YEAR ENDED 30TH SEPTEMBER, 1907.

RECEIPTS.	£	s.	d.	£	s.	d.
To Balance in hand, Sept. 30th, 1906				27	16	6
,, Amount transferred from General Account	247	8	4			
,, Board of Education	14	0	0			
,, Gift Special Prize	1	0	0			
				262	8	4
				£290	4	10
To Balance brought down, in the hands of the Bank	£2	11	0			

PAYMENTS.	£	s.	d.	£	s.	d.
By Free Scholarships to various Classes	175	15	0			
,, Paid for Prizes	64	4	3			
,, Science Scholarship (Houseman)	45	0	0			
,, Bank charges	2	14	7			
				287	13	10
Balance in hand				2	11	0
				£290	4	10

December 21st, 1907.—Examined and found correct,
W. L. MOORE, F.C.A., Auditor.

T. R. JOLLY,
Secretary.

HARRIS INSTITUTE.

THORNLEY BEQUEST ACCOUNT, YEAR ENDED 30TH SEPTEMBER, 1907.

RECEIPTS.	£	s.	d.	£	s.	d.
To Balance in hand, 30th September, 1906				1246	18	7
,, Interest from Corporation				33	5	0
,, Bank Interest				4	4	0
				£1284	7	7

PAYMENTS.	£	s.	d.
By Paid for Prizes to Artizan Students	48	3	11
,, Balance carried down	1236	3	8
	£1284	7	7

To Invested with Corporation of Preston	1000	0	0
,, London City and Midland Bank	236	3	8
	£1236	3	8

December 21st, 1907.—Examined and found correct,
W. L. MOORE, F.C.A. Auditor.

T. R. JOLLY,
Secretary.

AUDITOR'S REPORT, &c.

Harris Institute, Preston,
December 21st, 1907.

To the President and Council of the
Harris Institute, Preston.

Gentlemen,

I have examined the Accounts of the Harris Institute for the year ending 30th September, 1907, and have pleasure in certifying to their correctness and their accustomed neatness and order. Vouchers have been produced for all payments, and the securities for the Capital Investments have been produced to me. I have examined the Bank Pass Books, and am informed by the Bank's officials that the balances shown therein agree with the accounts in the books of the Banks at the close of the financial year.

Yours truly,

W. L. MOORE, F.C.A.

Harris Institute, Preston,
January 14th, 1908.

We, the President and Treasurer of the above Institute, certify, in accordance with Clause 5, Sub-section (c) of the Scheme, that the sum of One Thousand Nine Hundred and Seventy-nine Pounds Six Shillings and Sixpence has been received by the Trustees as income from endowment for the year ending 30th September, 1907, and that such sum has been credited to the General Funds of the Institute.

WM. ASCROFT, President.
W. B. ROPER, Treasurer.

£1,979 6s. 6d.

LIST OF SUBSCRIBERS.

ASCROFT, Mr. W.

ASCROFT, Mr. R. W.

BROWN, Dr. R. C.

BROCKHOLES, Mr. FITZHERBERT.

CALVERT, Mr. H.

CONNOR, Mr. J.

DAVIES, Mr. H.

DICKSON, Mr. E.

ECCLES, Messrs. T. & Co.

FOSTER, Mr. J. Y.

GREENWOOD, Mr. E.

HOLLINS, Sir F., Bart.

ROPER, Mr. W. B. (the late)

STEELE, Rev. GEO.