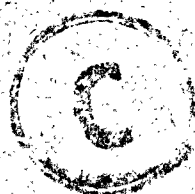


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Selection from the Records
of the Madras Govt. Annual
Report of the Medical College
1859-1860.

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ANNUAL REPORT

OF THE

MADRAS MEDICAL COLLEGE,

SESSIONS 1859-60.

No. LXVI.

MADRAS:

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Cocoon, 8th October 1860.

From

A. J. ARBUTHNOT, Esq.,

Director of Public Instruction.

To

THE CHIEF SECRETARY TO GOVERNMENT,

Fort St. George.

I have the honor to submit, for the consideration of the Honorable the Governor in Council, the Annual report of the Principal of the Medical College and the report of the Examiners who conducted the Annual Examination of the Primary Medical school.

2. These reports do not call for any lengthened remarks. The Principal, it will be seen, speaks very favorably of the conduct of the students during the year under review. The system of punishment, which has been adopted in lieu of the system of fines previously in force, has been found efficacious in securing regularity of attendance, and had only to be resorted to in ten cases; while in the previous year the number of fines imposed amounted to no less than 527. The examination of the students who had completed their course, was conducted by a Committee of three Medical Officers unconnected with the College, aided by the Principal and the Professor of the subject under examination. The examination of the junior students was carried on by the Principal and the Professors and the progress of every student recorded. At the close of the examination, the Diploma of the College was conferred on Mr. W. Lyons, a scholar on the Lane Foundation, and 20 medical apprentices and 21 native medical pupils were declared qualified for employment in the Apothecary and Dresser grades respectively of the Subordinate Medical establishment.

3. Of the attainments of Lane Scholar Lyons, the Committee report that "his written examination was highly meritorious, and a "searching viva voce examination on each of the prescribed subjects "showed that he is fully qualified to hold the Diploma of the Medical "College."

4. In the case of the Medical apprentices, the result of the examination in Ophthalmic diseases and Midwifery, especially in the latter, was very satisfactory. In Surgery and in the written examination in Medicine, they acquitted themselves fairly, but in the oral examination in the latter subject there was a general failure, which

B.S. கோபாலகிருஷ்ணன்
 செப்பணிவதற்காக எடுத்துக்
 கொள்ளப்பட்ட
 ஜாஸி மாதம் 89 வருடம்
 செப்பணிக்கு முடிந்த
 ஜாஸி மாதம் 89 வருடம்
 ராயசீலி உதவிப்பாளர்
 கையொப்பம்

the Committee attribute to want of readiness in reply, owing to the examinations in the class room not having been sufficiently frequent. The Principal assigns another cause for this failure, viz. that owing to a change in the curriculum, the students had had "only one course of the Theory and Practice of Medicine to prepare them for their final examination, instead of two courses as formerly." The examiners record their "high opinion of the general excellence displayed by J. E. Xavier throughout the course of the examinations."

5. In regard to the Native pupils who were pronounced qualified for employment in the public service, the Examiners state that, though "their attainments are amply sufficient for their prospective duties," "they made a very indifferent exhibition when under examination, owing probably to a defective preliminary education."

6. In paragraph 28 of his report, the Principal speaks of the great improvement which has taken place in the system of clinical instruction in Medicine and Surgery, in which subjects "an hour is now daily devoted to teaching at the bed side, instead of, as formerly, a weekly formal lecture in the College." He concludes his report by drawing attention to "the great want of additional accommodation in the College building, and to the expediency of providing a Botanical garden for the use of the students and enlarging the College compound. The additions to the building which were sanctioned last year are now in progress, and the Principal has been requested to submit an estimate of the cost of the arrangements he suggests for providing a garden and enlarging the compound. These matters will form the subject of a separate communication."

7. The annual examination of the Primary Medical school was conducted by a Committee composed of three of the Professors of the Medical College, who, while speaking in high terms of the results of the year's work, recommend a reduction in the number of professional subjects taught, and more time and attention being given to the general education of the pupils, especially in the English language. To these suggestions I need not now more particularly advert, in as much as since the close of the year under review the Primary Medical school has been abolished as a separate institution, and in pursuance of the recommendations made by the Committee appointed on the 24th October last to prepare a scheme for the better organization and training of the Subordinate Medical Department, the staff

of teachers employed and the pupils under instruction in the Primary Medical school have been transferred to the Medical College and placed under the Principal of that Institution.

8. Henceforward the Medical College will consist of the following Departments :

1st. A *Senior Department* for the instruction of young men who have received a fair general education and who desire to obtain the appointment of Sub-Assistant Surgeon, which grade is to be substituted for the present grade of Native Surgeon, or to qualify for a degree in Medicine at the Madras University or elsewhere. Candidates for admission to this department of the College will be required to pass the Matriculation examination of the Madras University. Five scholarships, each of the value of Rs. 20 per mensem and tenable for five years, are to be attached to the Senior Department. They are to be awarded by competition on the result of the Entrance Examination; candidates who fail to obtain scholarships, but who pass the prescribed standard of examination, being admitted as free students. Appointments to the grade of Sub-Assistant Surgeon, which, upon the principles advocated in my letters of the 23d August 1856 and 30th July 1858, will be conferred without reference to creed, color or caste, are to be determined by the result of the final examination at the conclusion of the College course, the appointments being awarded to the most proficient students, whether scholarship holders or free students. The course of instruction is subjoined.

1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.
Anatomy and Physiology	Anatomy, and Physiology	Anatomy, Principles and Practice of Surgery and Physiology	Principles and Practice of Surgery	Principles and Practice of Medicine
Chemistry	Chemistry	Principles and Practice of Medicine	Principles and Practice of Medicine	Principles and Practice of Surgery
Materia Medica	Practical Chemistry	Clinical Instruction	Midwifery and Diseases of Women and Infants	Midwifery and Diseases of Women and Infants
Botany	Materia Medica	Dissections	Ophthalmic Medicine & Surgery	Ophthalmic Medicine & Surgery
Examinations by the Assistants as for Military Students	Examinations Attendance at Dispensary	Attendance at the General Hospital	Clinical Instruction at the General Hospital	Medical Jurisprudence Hygiene Clinical Instruction at the Eye Infirmary and Lying-in Hospital Dissections

2d. A *Second Department* for the instruction of Paid Candidates and Medical Apprentices qualifying for the grade of Assistant Apothecary, who are to be admitted into the service as Paid or Unpaid Candidates on the result of a competitive examination, as provided for in the G. O. of the Commander in Chief under date the 5th May 1859; provision being made for their doing duty in an Hospital for at least one year previous to their admission into the College. The course of instruction in this department of the College is as follows. It is to be completed in three years.

1st Year.	2nd Year.	3rd Year.
Anatomy and Physiology.....	Anatomy and Physiology.....	Principles and Practice of Medicine
Elementary Chemistry, 4 months.....	Principles and Practice of Medicine.....	do. do. of Surgery.
Practical Chemistry, 3 months.....	do. do. of Surgery.....	Midwifery and Diseases of women and Infants.
Materia Medica.....	Clinical Surgery.....	Diseases of the Eye.
Examinations by the Assistants on subjects treated of on the preceding day by the Professor.....	do. Medicine.....	Dissections.
	Dissections daily.....	Anatomical demonstrations, Exercises in Materia Medica.
	Clinical instruction at the General Hospital.....	Clinical instruction at the General Hospital, the Lying-in-Hospital and Eye Infirmary.

9th May 1859.

* No. 45.—With the sanction of Government, notice is hereby given that there are at present 4 vacancies for Paid and 15 for Unpaid Candidates in the Medical Department.

The conditions for the admission of candidates will be for the present as follows:—

1st. Candidates must have attained the age of 15 and must not have exceeded the age of 18, calculated to the first day of the month after that on which the examination takes place.

2d. Each Candidate must produce Certificates of parentage and date of birth and satisfactory testimonials of character.

3d. Candidates, whose Certificates may be considered satisfactory, will be examined by a Board of Medical Officers as to their physical fitness for Military Service, and, if passed, will be subjected to an examination in the following subjects:—

(a) *English*, including a competent knowledge of English Grammar and ability to explain the structure and meaning of an easy passage selected from a standard prose author, and to write to dictation in a good hand and with correctness of spelling.

(b) *Arithmetic*, comprehending the four simple and compound rules.

(c) *Geography*, the elements of General Geography and a somewhat more extensive knowledge of the Geography of India.

3d. *Third or Junior Department* for the instruction of Candidates for the grade of Hospital Assistant, which is to be substituted for the present grade of Dresser. This department of the College has taken the place of the late Primary Medical school. As in that institution, the instruction in this department is to be tutorial and is to be carried on by medical subordinates acting under the supervision of the Principal and Professors, each Professor superintending the instruction in the branch of study which is most analogous to the subject taught by him in the Senior or Second Department, and examining the pupils once a week, and the Principal exercising a general supervision over the whole. The course of instruction is to be confined to two years. Candidates will be admitted on the result of a competitive examination in English and Arithmetic, according to the standard prescribed in those subjects in the G. O. before alluded to.

Presidency.
Berhammore.
Kamptee.
Vizagapatam.
Rajahmundry.
Secunderabad.
Cuddipah.
Bellary.
Bangalore.

Ootacamund.
Mangalore.
Cannanore.
Calicut.
Salem.
Guddalore.
Madura.
Trichinopoly.

4th. Applications for admission to the examination which will be held at the stations named in the margin, must be made on the 1st of June. Candidates residing at Madras should apply to the Principal of the Medical College. Candidates residing in the Provinces should apply to the Senior Medical Officer at one or other of the stations above named, by whom, in the event of the Certificates of birth and parentage and testimonials of character being considered satisfactory, they will be examined as to their physical fitness for the Military Service.

5. The names of such Candidates as may be pronounced eligible for admission to examination will be forwarded immediately to the Principal of the Medical College.

6. The examination will be held on the 1st and 2d July, and will be conducted by means of printed papers prepared by the Principal of the Medical College in communication with the Director of Public Instruction.

7. A Medical Officer will be appointed by the Officer Commanding at each station to superintend the examination, the duty of such Officer being confined to seeing that the Candidates execute their papers without aid and to reading out the passage for dictation.

8. At the close of each day's examination, the papers of each Candidate will be forwarded in sealed covers, by the Superintending Medical Officer to the Principal of the Medical College, who will report the result of the examination to the Director of Public Instruction, for submission to His Excellency the Commander-in-Chief.

9. The Candidates will be ranked according to their attainments as exhibited at the examination and the first nineteen Candidates, provided that they shall have shown a competent knowledge of the several subjects, will be admitted into the Service, the first four as Paid Candidates, and the remaining fifteen as Unpaid Candidates, the latter being eligible to promotion as Paid Candidates in the order in which they may have passed.

Admission to this Department of the College, as well as to the second Department and to the grades of the Subordinate Medical service for which they are designed to qualify, is to be open to all classes.

9. These changes, it may be hoped, will have the effect of removing many of the difficulties which have hitherto encompassed the subject of Medical Education in this Presidency. The abolition of the restriction which limited the appointments corresponding to the Sub Assistant Surgeoncies in the other Presidencies to persons of pure native birth, cannot fail, by widening the area of competition, to induce a better educated class of persons to qualify for those situations. The same may be said of the Apothecary grade, which has been hitherto confined to Europeans and East Indians, but which is now thrown open to Natives and is made accessible to deserving Hospital Assistants. And in regard to the lower grade of Hospital Assistants, as the Dressers will be in future designated, it cannot be doubted that the abandonment of the system, hitherto in force, of attempting to instruct them by means of lectures—a method of instruction which is only suitable to persons of advanced general education and perfectly familiar with the language in which the lectures are delivered—and its supersession by the more humble, but more practical, system of teaching by the method of question and answer, restricting at the same time the studies of the pupils to what is requisite for the efficient performance of the duties which will ordinarily devolve on them, is calculated to furnish a class of subordinates better qualified than those who have

10. The following are the rates of pay :

Paid Candidate before entering Medical College,	Rupees 7 per mensem.
Paid Candidate after entering, do.	12 do.
Junior Medical Apprentice, do.	16 do.
Senior do. do.	20 do.
Passed do. do.	30 do.

11. Lads on being appointed or promoted to Paid Candidates, will be attested agreeably to G. O. G. No. 152, dated 19th April 1859.

12. Every Medical Subordinate will be entitled to claim his discharge after 10 years service, from date of first appointment as Apprentice.

13. A Medical Subordinate under 10 years service, calculated as in the preceding para, desirous of obtaining his discharge, must refund the amount of stipend received by him previous to his being reported qualified for the Public Service.

14. No Paid Candidate or Medical Apprentice will be permitted to relinquish the Service without making a similar refund of the whole amount of his stipend received during his service.

hitherto been sent out of the Medical College to the lower situations in the department. It may be expected that under the new system there will be no occasion for such a remark as that made by the Examiners in the report herewith submitted, that though the attainments of the students are sufficient for their prospective duties, they made a very indifferent exhibition when under examination,—a remark which, though somewhat obscurely worded, implies, I imagine, that the course of instruction which the students in question had been required to undergo was more advanced than was requisite, with reference to the duties they will be called upon to discharge.

10. Adverting to the abolition of the Primary Medical school, I take this opportunity of bringing to the notice of Government the gratuitous services rendered by Dr. Mudge as Superintendent of that Institution. The reports on the two last annual examinations show that Dr. Mudge has exercised a very effective superintendence over the work of his subordinates,—an opinion which, I am authorized to say, has the full concurrence of the Principal Inspector General of the Medical Department.

11. The arrangement which was introduced shortly before the commencement of the year under review, of vesting the superintendence of the Medical College in a Principal, I have every reason to think, has worked well. Mr. Shaw's long experience in Medical education has enabled him to suggest improvements which were much needed, and in the carrying out of which he has received the cordial and effective co-operation of the Professors. The most important of the alterations recommended by the Committee, to whose report I have referred, viz. the abolition of the restrictions on the score of birth in the several grades of the Subordinate Medical Department, and which, after a prolonged discussion and much opposition, is now, I believe, generally assented to as a measure of unquestionable expediency, originated with Mr. Shaw.

Office of the Director
of Public Instruction,
8th October, 1860.

I have the honor to be,

Sir,

Your most obedient Servant,

A. J. ARBUTHNOT,

Director of Public Instruction.

ANNUAL REPORT

OF THE
MADRAS MEDICAL COLLEGE.

SESSION 1859-60.

Principal of the College.....Surgeon Major James Shaw, F. R. C. S.

Department of Instruction.

Professor of Chemistry.....Surgeon Major J. E. Mayer.

do. of Midwifery, of Ophthalmic Medicine and Surgery.	Surgeon Major J. Shaw, F. R. C. S.
do. of Medicine and Clinical Medicine.	Surgeon A. Blacklock.
do. of Surgery and Clinical Surgery.	Ass't. Surgeon J. L. Paul, M. D. & A. M.
do. of Anatomy and Physiology.	do. W. J. VanSomeran, M. D. Europe, S. C.
Acting Professor of Anatomy and Physiology.	do. W. N. Chipperfield.
Professor of Materia Medica and Botany.	do. H. B. Montgomery, M. D.
do. of Medical Jurisprudence.	J. Urquhart, Esq., M. D. Europe, S. C.
Mr. G. Norton.....	Asst. to the Professor of Chemistry.
„ R. Wilkins.....	Demonstrator of Anatomy and Curator of the Museum.
„ J. J. Wood.....	Asst. to the Professor of Materia Medica and Botany.
M. Jugganathum Naidoo.....	Native Assistant.

The Session commenced on the 1st of September, and terminated on the 31st of March. The greater part of April was devoted to the examination of the classes.

2. Several changes in the staff of the College have occurred since last Session. Dr. Evans, the Professor of Medicine, has resigned the service. Mr. Blacklock and Dr. Paul have been confirmed in their appointments. Drs. vanSomeran and Urquhart have been obliged to proceed to Europe on Sick Certificate. Mr.

Changes in the staff of the College.

His Excellency the Commander-in-Chief has been in force ; it has only been necessary to exercise it by confinement in 10 instances.

2 Students were confined for 24 hours.

2		8 do.
2		6 do.
3		5 do.
1		2 do.

This contrasts favorably with the system of "Fines" which had been in use the preceding year, when no less than 527 were inflicted.

7. In the Report for 1858-59, the disadvantages under which the Military students entering College without

Necessity of Preliminary Education.—a lengthened preliminary drilling at Hospitals labored, was dwelt upon at some length.

"I hope that in any new arrangement which may be authorized, the necessity for these students having at least

may be authorized, the necessary knowledge of the student after two years' attendance at an Hospital previous to admission to College may be recognized. All the teachers complain of this want of preliminary professional education. Dr. Montgomery, in his Report, points out that from this it was necessary to devote a great portion of his time to explain the names and nature of special diseases, of any knowledge of which, they were entirely ignorant.

8. I trust I shall be pardoned in quoting two paragraphs having reference to this important subject from the last Annual Report.

"Much has lately been said of the inferior attainments of the
"present European and East Indian branch, alleging, that of late
"years it has much deteriorated; I believe the material to be, if not

"as good as in former years, nearly so. Formerly, lads instead of being
"at once sent to College, were distributed in small numbers to vari-
"ous Hospitals, where the candidate was gradually introduced to the

"various forms of disease, he saw the modes of treatment and the
"means of cure employed, his attention was engaged, and he became
"almost unconsciously acquainted with the language of Medicine, and

"after two years of this discipline he entered College when fully prepared to benefit by instruction; but now, the boy, perhaps little more than 15, finds himself at once placed in a Lecture-room with

"thirty or forty students as raw and undisciplined as himself, where
"he hears a subject perfectly now, treated in language in many res-

"pects equally new, his attention flags, his first year is lost, and during the rest of his career, he probably never recovers the effect of that loss; all this might have been different, had he had the same preliminary education as his predecessor."

"The preliminary education may also be looked upon as probationary; during this time a lad finds out whether he likes the profession or not, his superiors become acquainted with his habits and character, and if he be found not likely to make a good public servant he is removed, and is still young enough to revert to some other occupation."

9. Government last year sanctioned a more extended system of examinations than had heretofore existed. This has been carried out in some classes, but I regret not in all; difficulties presented themselves, which will next session be met by the classes assembling in August, instead of September, and also by increasing the number of teaching days.

Extended system of Examination.

10. In the Appendix is given the Report of the Committee nominated by Government, to examine the Candidates for Certificates of Qualification for the Public Service, and also to examine Mr. Lyons a Lané scholar, a Candidate for the Diploma.

Final Examination.

11. The Committee have found 20 Medical Apprentices to be qualified for the appointment of Assistant Apothecary and 21 Native Medical Pupils for that of 2nd Dresser.

12. Mr. Lyons after a most stringent examination has been declared entitled to the Diploma, the highest honor this College can bestow.

13. The Annual class Examinations were carried out with much strictness by the Committee of Professors, and the progress of each Junior student, Military or Private, is recorded. These Records to a certain extent give the history of every student, during his period of attendance at the College. A Table giving the results of the Annual and Oral examinations of the preceding and the present year is in the Appendix.

14. In these Examinations several students gave proofs of very high proficiency in their various studies; amongst the Private students, Dalguirna, Paterson, Bealch, and Ranson distinguished themselves.

Medical Apprentice Whitwell, a first year's student, entered his classes at the beginning of the year as fourteenth on the list; he now comes out as first in all his classes. The Professors, under whom he has studied, report him to be a lad equally remarkable for intelligence as for industry; Whitwell of course is entitled to the 1st Prize in all his classes, but as a further recognition of his merits, a Prize for General Proficiency has been adjudged to him. Two other lads in this class, Callaghan and Tallent, have also shewn themselves to be students of great promise.

15. Native Medical Pupils T. Arnachellum, R. Parthasarathy and N. Mooncoosawmy, 1st year's students, passed very creditable examinations in all subjects.

16. In the examination of the 2nd class Medical Apprentices D. O'Leary and J. Trutwein were conspicuous for the precision and readiness with which they gave their answers.

PROFESSORS' REPORTS.

17. Mr. Chipperfield, the Officiating Professor of Anatomy, having been stationed at Moultmain when nominated to the College, did not arrive at Madras until the 12th of October.

Class of Anatomy and Physiology. Mr. Chipperfield enters into full details of the manner in which the duties of his classes are carried on; he says the "Lectures have been made, as much as possible, practical demonstrations. This has been effected by means of recent and dried preparations, by demonstration on the living body, by models, plates and diagrams, and by the use of chalk and the black board, and every opportunity has been taken to give demonstrations upon the dead subjects in the dissecting room."

"In the Physiological part of the courses, every means of simple illustration has been used, and a resort to the microscope has been made as occasion required or offered. The Physiological illustrations have been afforded more especially to the students of the second year, as their previous knowledge of Anatomy gave them a means of more thoroughly understanding the subject and more correctly appreciating the relations between structure and function."

18. Regarding the capabilities of the East Indians and Europeans in his class, Mr. Chipperfield observes, "The students vary much in in-

"telligence and ability, and as is generally the case, the more intelligent the pupil, the greater is his desire for learning. I have noticed but little difference in the relative amount of ability between the apprentices and the Native Medical Pupils; some of each class are deficient in elementary learning, so much so as to make it a matter of some considerable difficulty to select language sufficiently simple to enable them to comprehend the facts which are laid before them."

19. The Professor reports that "the Private students, both of the first and second year, are, as a class, particularly attentive to their studies and exhibit a very fair amount of intelligence."

20. "There is an exception to this in the case of one native student, who appears to be so imperfectly educated, so dull of comprehension, and so defective in memory, as to offer no hope of his ever becoming fit for the duties of a Medical Practitioner, however protracted his term of study may be. The industry and desire to excel which have been shown by Boalsh, Paterson and Ranson lead the Professor to expect that they will distinguish themselves during their College career."

The Rooms for Practical Anatomy were not vacated by the Civil Architect's work-men until the 15th of November; thus six weeks of the necessarily short session for the practice of this most important branch of study, were lost to the students. It has also happened this year that the supply of material has been very scanty, the mortality amongst the classes from which it is drawn, having been unprecedentedly small, but it is only justice to Mr. Chipperfield to state, that he has fully availed himself of the means at his disposal.

21. The Professor observes, "It is not necessary on this occasion to recapitulate what has before been so often minutely described in detail, I will merely remark that the system of constant questioning, and of calling on the student himself to demonstrate publicly what he has stated, has throughout this session been rigidly adhered to."

22. These classes have as usual made a most satisfactory appearance before the examining Committee of Professors. Dr. Montgomery urges the necessity of a further extension of the course. The numerous subjects which the Military students are engaged upon, and the limited period for which they are attached to

the College, have as yet rendered it impossible to carry out the Professor's suggestion.

23. The final Examining Committee have reported somewhat unfavourably upon the appearance made by this Class in the Oral Examinations. It will not be considered surprising that this Class, to a certain degree did fail in their examinations, when it is explained that Mr. Blacklock only took charge of the department of Medicine at the beginning of this Session, and found that the Senior Class, whose stay at College would terminate with the Session, were only about to commence the study of Medicine. Upon this point Mr. Blacklock observes, that "owing to a change in the Curriculum the senior Apprentices have had only one course of the Theory and Practice of Medicine to prepare them for their final Examination, instead of two courses as formerly." Although the students of the class of Medicine may not have made a very good appearance in their Oral Examination, yet their Clinical Papers, and answers to the written Examinations were creditable alike to the Teacher and to the majority of the students. I am not aware what led to this irregularity in the Curriculum of 1858-59, the course having been entered upon before I was appointed the Principal of the College. Under the existing arrangements no such omission can again occur.

24. Upon the course of Clinical Medicine, Mr. Blacklock observes,

"The 2nd and 3rd year's students have this session been instructed in Clinical Medicine in the plan laid down by the Principal of the College, at the commencement of the Medical year. Each section has been two months in the Medical wards."

"The senior apprentices have had the entire 2 months devoted to examining and reporting Medical cases, but the Junior apprentices have been employed half the time in compounding Medicines."

"About an hour every working morning has been devoted to examination of the patients in presence of the Clinical students. Since 14th January they have afterwards had each morning an excellent examination by Mr. Assistant Apothecary Harvey on cases which had been, or were then in their charge. Mr. Harvey has also set apart from one to two hours each week night, during the last two months, for Examinations, at which all the students were allowed

"to attend, a preference being shown for those preparing for final examination at the College."

"The Medical practice open to the students in the General Hospital from 1st April 1859 to 30th March 1860 has consisted of,

Corps.	Treated.	Died.
Military Europeans.....	337	6
Civil Europeans.....	598	17
Non-fighting & Non-effective Europeans.....	144	6
Military Native.....	318	14
Non-fighting Natives.....	329	8
Total..	1716	51

25. "The course of systematic surgery," says Dr. Paul, "has consisted of lectures illustrated by plates, diagrams and preparations, followed by examinations. The latter have not been so numerous relatively to the lectures as in future courses they will be, from more time being devoted to lecturing this session than was originally contemplated through the diffuseness incidental to a first course."

"The conduct of the students generally has been good; the progress and attainments of the seniors have been on the whole satisfactory, though I am disappointed in the progress and attainments made by the Juniors."

26. "In the Clinical course the instruction imparted was essentially 'bedside' and consisted in part of prelections delivered at the patients' bedside in reference to his particular case and in part of examinations of his condition by the pupils. All patients admitted into the Surgical Wards were assigned to the care of the senior Pupil, and he in immediate charge of any patient prepared a short history of the disease or injury for which the patient was admitted, detailing his symptoms and conditions, and at the first visit thereafter read his statement to the class. Observations were

"then verified or corrected and commented upon, after which any peculiarities of the case, the means of distinguishing it from others, and resembling diseases, were then pointed out, and such observations bearing on the case or its future treatment made as it seemed to warrant. The same pupil retained charge of the patient during his residence in the Wards and kept, as occasion required, daily or weekly reports of the case."

"The Juniors had no patients assigned to their particular care and kept no cases, but assisted in dressing wounds, sores, &c., and were present at the regular visits and Clinical lectures."

27. Much credit is due to the Professors of Clinical Medicine and Surgery for the highly satisfactory manner in which they have carried out the new system of Clinical Instruction. An hour is now daily devoted to teaching at the bedside, instead of—as formerly, a weekly formal Lecture in the College.

28. This year, at the suggestion of the Director General of the Medical Department, a portion of the 2nd year's Class of Practical students were employed in the morning in compounding medicines at the General Hospital under the supervision of Mr. Wood, the Assistant to the Professor of Materia Medica. This class was formed for the purpose of giving the lads a practical knowledge of compounding medicines, which, from the want of a preliminary education at the Hospitals, they have either had no opportunity of acquiring, or it was so limited as to be of little or no use.

29. The present class does not appear to have succeeded so well as was anticipated, but should Government determine that each lad is to attend an Hospital for two years previous to his admission to College, there will be no necessity for keeping it up, and they can, when they come to College, be further instructed in this branch of their profession by the Professor of Materia Medica and his assistant.

30. The Assistants, Messrs. Norton, Wilkins, Wood and Jugganathum, have been reported upon in the highest terms by the several Professors. Being from my position thrown into almost daily communication with all the Assistants, I am happy to add my testimony to the assiduity and cheerfulness with which one and all carry on their duties.

31. The Librarian, Mr. Jobard, and the Draughtsman, Moorogasen, continue to give satisfaction.

32. The recent alterations in the Rooms for Practical Anatomy leave nothing to be desired in the way of improvement or additional room. But it is a subject of regret that it has been necessary to suspend the work on the Room intended for the new Museum. Not only is much inconvenience generally experienced from the present limited accommodation, but a valuable collection of European and Native Drugs which comprises several hundred specimens of indigenous Medicines, together with a series of articles illustrative of the Economic uses of Vegetable Products, which was purchased for the College, cannot be received.

33. A Botanical Garden for the use of the students is much required. There is a piece of waste ground belonging to the College lying to the south, which would answer admirably, were a good well sunk. Should this be sanctioned, the Professor of Botany has kindly offered to lend his assistance in laying out the ground. Except on this side the College compound is much cramped for space. An enlargement to the north and east would be a great convenience, and were the dead wall and the Road between the College and the General Hospital removed, the appearance of both Institutions would be much improved. These alterations might, I believe, be effected at a very small expense.

MADRAS.

MEDICAL COLLEGE,

4th May 1860.

J. SHAW, F. R. C. S.

Principal Medical College.

Proceedings of a Committee of Examination of the students of the Madras Medical College assembled agreeably to Proceedings of Government dated 24th March 1860.

PRESIDENT.

H. W. Porteous, Esq., Acting Garrison Surgeon.

MEMBERS.

C. M. Duff, Esq., M. D., Acting Surgeon, 4th District.

W. Aitken, Esq., M. D., Surgeon, Lying-in-Hospital.

OPHTHALMIC DISEASES.

The Committee was engaged in the examinations, excepting the interval of the Easter Holidays, from the 2nd to the 19th Instant, and devoted the greater portion of each day to the work.

They commenced their proceedings at the Eye Infirmary with the twenty-four Senior Medical Apprentices. A variety of patients were brought before them, and they were individually required to give an opinion on the nature of each case, and the treatment likely to prove suitable.

The result of the examination was highly satisfactory. Sixteen of the students evinced a very creditable knowledge of the subject, and came fully up to the required standard; W. H. Johnstone and Edmund Trutwein particularly distinguishing themselves. Seven acquitted themselves in a less satisfactory manner, and two signally failed.

CLINICAL SURGERY.

The class was examined at the General, and Royapettah Hospitals on two subsequent occasions on Clinical Surgery and Medicine. These examinations were conducted in writing.

In Surgery the papers of 19 were creditable; those of the remaining 6, evinced only a very elementary acquaintance with the subject.

CLINICAL MEDICINE.

In Medicine the papers of 10 were deserving of commendation, especially that of C. Trutwein; 6 were tolerable; the remainder were very indifferent.

MIDWIFERY.

The Committee have great pleasure in recording their satisfaction with the admirable manner in which the class generally acquitted itself in Midwifery. The acquirements of R. Hamilton, J. Kingston, C. Trutwein and J. E. Xavier deserve especial commendation.

ORAL EXAMINATION IN SURGERY.

In the oral examinations in Surgery ten of the students answered very creditably, J. E. Xavier's replies deserving especial notice; the remaining 15 had evidently a very imperfect acquaintance with the subject.

ORAL EXAMINATION IN MEDICINE.

In the Oral examinations in Medicine, with three exceptions, the Class acquitted itself in a very unsatisfactory manner. This failure the Committee cannot attribute either to the mode of examination, which they conceive was fair in all respects, or to the nature of the questions which were simple to a degree, but it occurs to them that it may have been owing to a want of readiness in reply, which frequent examinations in the class-room alone can impart.

WRITTEN EXAMINATIONS IN SURGERY, MEDICINE AND MIDWIFERY.

The written examinations on Surgery, Medicine and Midwifery were generally satisfactory and creditable to the students, and, with the exceptions of the papers of C. A. Eade, C. Mathers and M. H. Oliver, they all came up to the requisite standard.

The Committee desire to record their high opinion of the general excellence displayed by J. E. Xavier throughout the course of the examinations.

The students whose names are entered in the margin are in the opinion of the Committee qualified for admission into the public service, and they have accordingly passed them as qualified candidates.

J. Anderson.
D. Arklie.
J. A. Butterfield.
S. Chalke.
G. S. Duckworth.
E. Gillson.
R. Hamilton.
J. Johnson.
W. H. Johnstone.
J. D. Jones.
C. Jordon.
J. J. Kingston.
J. M. McDermaid.
T. Mergler.
T. Todd.
C. Trutwein.
B. Trutwein.
G. A. Watts.
H. Wells.
J. E. Xavier.

NATIVE MEDICAL PUPILS.

M. Appavoo.....	514
J. Appavoo.....	513
C. Appasawmy.....	522
V. Cooposawmy Naidoo	544
Govindoorajooloo	556
S. R. Jeeroosawmy.....	550
C. Lazarus.....	504
M. E. Maucellamony	542
C. Mootosawmy Pillay	548
M. S. Mootosawmy Naidoo	554
P. Nagapah Pillay	535
Sied Nizam Odeen.....	534
P. Ramalingum Pillay.....	533
P. Ramasawmy.....	521
Ramrajoo	531
P. M. Sada Gopa Naik	519
C. Seobaraydeo.....	520
C. Seobaraydeo Naidoo	549
E. Soondrum	517
Tekeram.....	508
C. Veerabuthren.....	523

This class, 25 in number, was examined orally on the prescribed subjects.

The very indifferent exhibition made by the class generally, the Committee conceive, is to be attributed to defective preliminary education.

They are of opinion, however, that the attainments of the pupils are amply sufficient to qualify them for their prospective duties as Hospital Assistants, and they have accordingly recommended that, with four exceptions, they should be admitted into the service.

The Committee record with satisfaction their very favorable opinion of the proficiency and attainments of Lane Student W. Lyons. His written examinations were highly meritorious, and a searching *viva voce* examination on each of the prescribed subjects shewed that he is fully qualified to hold the Diploma of the Medical College for which they have recommended him.

H. W. PORTEOUS, *Acting Garrison Surgeon*,.... *President.*

C. MURRAY DUFF, M. D., *Acting Surgeon 4th District.* } *Members.*

W. AITKEN, M. D., *Surgeon, Lying-in-Hospital.*

*Result of the Final Examination of the
Senior Military Students.*

SESSION 1859-60.

No.	Medical Apprentices.	Result.	No.	Native Medical Pupils.	Result.
1	J. Anderson ...	Passed.	1	Sied Ally.....552	Not Passed.
"	D. Arklio.....	do	"	M. Appaveo.....514	Passed.
"	J. H. Bacon ...	Not Passed.	"	J. Appaveo... ..513	do
"	J. A. Butterfield	Passed.	"	C. Appasawmy ..522	do
5	S. Chalke.....	do	5	C. Balasoondrum Pillay 533	Not Passed
"	G. J. Duckworth	do	"	V. Ceepesawmy Naidoo 544	Passed.
"	C. A. Eade	Not Passed.	"	Govindarajooloo ... 556	do
"	E. Gillson.....	Passed.	"	Govindasawmy.....532	Not Passed.
"	R. Hamilton ...	do	"	S. R. Jeroosawmy Gauroo 505	Passed.
10	J. Johnson	do	10	C. Lazarus.....504	do
"	W. H. Johnston	do	"	M. E. Maucellamony Pillay 542	do
"	J. D. Jones	do	"	C. Mootoosawmy ..548	do
"	C. Jordan.....	do	"	M. S. Mootoosawmy Naidoo 554	do
"	J. J. Kingston...	do	"	P. Nagapah Pillay.....535	do
15	J. Leach.....	Not Passed.	15	Sied Nizam O'deen.....534	do
"	J. McDermid ...	Passed.	"	A. L. Permaul.....536	Not Passed.
"	C. Mathers.....	Not Passed.	"	P. Ramalingum Pillay...533	Passed.
"	T. Mergler.....	Passed.	"	P. Ramasawmy.....521	do
"	M. H. Oliver ...	Not Passed.	"	Ramrajoo.....531	do
20	T. Todd.....	Passed.	20	P. M. Sadagopah Naik...519	do
"	C. Trutwein.....	do	"	C. Soobaroydoo.....520	do
"	E. Trutwein.....	do	"	C. Soobaroyloo Naidoo...549	do
"	G. A. Watts ...	do	"	R. S. oondrum.....517	do
"	H. Wells.....	do	"	Tekeram.....508	do
25	J. E. Xavier ...	do	25	G. Veerabuthren.....523	do

MADRAS, } (Signed) H. W. PORTEOUS,
MEDICAL COLLEGE, } *Acting Garrison Surgeon.* } Examiners
20th April 1860. } " G. MURRAY DUFF, M. D., } *Acting Surgeon, 4th District.* } nominated by
" W. AITKEN, M. D., } *Surgeon Lying-in-Hospital.* } Government.

*Result of the Final Examination of a
Candidate for Diploma.*

SESSION 1859-60.

No.	Name.	Result.
1	William Lyons.....	Passed.

MADRAS, } (Signed) H. W. PORTEOUS,
MEDICAL COLLEGE, } *Acting Garrison Surgeon.* } Examiners
20th April 1860 } " G. MURRAY DUFF, M. D., } *Acting Surgeon, 4th District.* } nominated by
" W. AITKEN, M. D., } *Surgeon Lying-in-Hospital.* } Government.

No. 1.

1st Class of Apprentices, &c. under instruction in Anatomy and Physiology, Chemistry and Materia Medica.

Number.	Rank.	Names of the students as they stood at the commencement of the Session.	No. of years in attendance.	Remanded and in what class.	Order of merit in the separate branches of study at the close of the Session.				General order of merit at the close of the session.
					Anatomy and Physiology.	Chemistry.	Materia Medica.	Total.	
1	Medical Apprentice	G. Ambrose.....	1		23	26	11	60	17
	"	S. Beaver.....	1		13	12	3	28	7
	"	B. Rodrigues.....	1		16	14	9	39	10
	"	G. Burgess.....	1		19	19	23	61	19
5	"	T. A. A. Herbert.....	1		27	29	20	76	23
	"	H. A. Evers.....	1		22	20	14	56	16
	"	C. N. P. Perry...	1		17	17	16	50	12
	"	J. Holman.....	1		10	23	12	45	11
10	"	G. Hollis.....	1		11	25	18	54	14
	"	J. Wells.....	1		18	21	21	60	18
	"	J. E. Lawrence...	1		8	13	10	31	8
	"	W. W. Watson.....	1		25	24	22	71	21
	"	S. Prior.....	1		24	18	13	55	15
	"	H. Whitwell.....	1		1	1	1	3	1
15	"	H. Talbot.....	1		3	11	5	19	3
	Paid Candidate.	G. Callaghan.....	1		2	5	6	13	2
	"	P. W. Reeves.....	1		9	10	4	23	5
	"	A. Brown.....	1		12	8	7	27	6
	"	H. Smith.....	1		5	6	8	19	4
20	"	R. S. Sampson.....	1		26	30	15	71	22
	"	J. A. Gewe.....	1		14	22	17	53	13
	"	R. S. Dawson.....	1		15	15	2	32	9
	"	A. Borgonha.....	1		21	28	19	68	20
	Private Student.	J. M. Paterson.....	1		7	9	...	...	...
25	"	V. Caleb.....	1		20	27	...	...	...
	"	W. H. Bealith.....	1		4	7	...	...	...
27	"	W. Ranson.....	1		6	3	...	...	...

No. 2.

3rd Class Native Medical Pupils under instruction in Medicine, Surgery, Midwifery and Diseases of the L.

Number.	Names of the Students as they stood at the commencement of the Session.	No. of years in attendance.	Remanded and in what class.	Order of merit in the separate branches of studies at the close of the Session.					General order of merit at the close of the Session.
				Medicine.	Surgery.	Midwifery.	Diseases of the Eye.	Total.	
1	P. M. Sadagopal Naick. No. 519	3		1	1	2	1	5	1
	C. Lazarus.....	3		2	2	3	4	11	3
	P. Ramalingum Pillay.....	3		3	4	4	2	13	2
	A. L. Perumall.....	3		4	5	4	3	23	6
5	M. Ramasamy.....	3		5	3	3	6	17	4
	Ramarajoo.....	3		6	9	10	12	37	8
	M. E. Maucellamany Pillay ..	3		8	6	1	3	18	5
	M. Appayoo.....	3		9	11	5	7	32	7
	V. Coopposamy.....	3		10	7	11	13	41	11
10	C. Meetoosawmy.....	3		7	10	12	9	38	10
	J. Appavoo.....	3		12	17	13	16	58	15
	C. Sooboorayaloo Naidoo..	3		11	8	8	10	37	9
	Tekaram.....	3		13	13	14	17	57	14
	G. Veerabutharan.....	3		15	14	15	11	55	13
15	C. Baulasundrum.....	3		17	15	6	8	46	12
	R. Seondrum.....	3		16	16	17	15	64	16
	C. Appasawmy.....	3		14	18	18	18	68	17
	R. S. Jeeyanursamy Garoo...	3		18	19	19	23	79	20
	C. Sooboorayaloo.....	3		19	20	20	19	78	19
20	Syed Ally.....	3		21	21	22	21	85	22
	M. S. Meetoosamy Naidoo ..	3		23	12	16	22	72	18
	Syed Nizamudeen.....	3		20	24	25	24	93	24
	N. Govindurajuloo.....	3		22	22	21	14	79	21
	Govindoosawmy.....	3		23	23	24	25	97	25
25	P. Nagapah Pillay.....	3		24	25	23	20	92	23

No. 3.

3rd Class of Apprentices under instruction in Medicine, Surgery, Midwifery and Diseases of the Eye.

Number.	Rank.	Names of the students as they stood at the commencement of the session.	Number of years in attendance.	Order of merit in the separate branches of study at the close of the session.				Total.	General order of merit at the close of the session.
				Remanded and in what class.	Medicine.	Surgery.	Midwifery.	Diseases of the Eye.	
1	Lane Scholar	W. Lyons.....	5		1	1	1	1	4
2	Medical Apprentice.	T. Todd.....	2		4	3	5	5	17
	"	J. Johnson.....	3		5	5	6	2	18
	"	J. D. Jones.....	3		3	2	3	9	17
5	"	E. Gillson.....	3		8	7	12	14	41
	"	J. E. Xavier.....	3		7	6	4	10	27
	"	E. Trutwein.....	3		9	8	8	6	31
	"	J. J. Kingston.....	3		10	10	2	8	30
	"	E. Trutwein.....	3		12	9	7	7	35
10	"	S. Chalke.....	3		14	12	14	12	52
	"	C. Jordan.....	3		11	14	9	13	47
	"	A. J. Butterfield.....	3		13	13	11	17	54
	"	J. Anderson.....	3		15	16	16	15	62
	"	G. J. Duckworth.....	3		16	20	18	18	72
15	"	J. McDiarmid.....	3		19	15	10	11	55
	"	G. A. Watts.....	3		17	19	20	16	72
	"	W. H. Johnston.....	3		18	24	19	21	82
	"	J. Leach.....	3		20	21	26	24	91
	"	C. A. Eade.....	3		26	18	29	27	100
20	"	C. Mathers.....	3		23	29	17	26	95
	"	J. H. Bacon.....	3		24	28	27	23	102
	"	M. H. Oliver.....	3		25	22	28	25	100
	"	D. Arklie.....	3		28	17	21	29	95
25	"	R. Hamilton.....	3		22	25	13	19	79
	"	H. Wells.....	3		21	26	22	20	89
	"	T. Mergler.....	3		27	27	24	22	100
	Private Student.	A. Sheen.....	4		2	1	15	4	32
	"	T. Chennell.....	4		6	4	23	3	36
29	"	N. Davanajooloo Pillay.	4		29	23	25	28	105

No. 4.

2nd Class of Apprentices &c., under instruction in Anatomy and Physiology, Materia Medica, Surgery and Practice of Medicine

Number.	Rank.	Names of the students as they stood at the commencement of the session.	No. of years in attendance.	Remanded and in what class.	Order of merit in the separate branches of study at the close of the session.				Total.	General order of merit at the close of the session.
					Anatomy & Physiology.	Materia Medica.	Surgery.	Medicine.		
	1 Medical Apprentice.	A. B. Court.....	2	5						
	"	W. H. Eade.....	2	5						
	"	R. O'Leary.....	2	5						
	"	G. McDermott, R.	3	0	2nd	14	6	3	4	29
5	"	J. Trutwein.....	2	5		2	1	2	5	10
	"	J. Stenhoff.....	2	5		10	18	26	7	61
	"	W. P. Oliver... R.	3	0	2nd	25	11	8	9	53
	"	C. D. Rose.....	2	5		13	25	36	6	80
	"	T. Burgess..... R.	3	0	2nd	29	26	14	8	77
10	"	W. A. Harrison...	2	5		6	4	16	10	36
	"	D. Ross.....	2	5		7	17	13	20	57
	"	C. A. Leary.....	2	5		11	22	7	12	52
	"	J. Bazeley.....	2	5		15	3	6	11	35
	"	C. Murphy.....	2	5		24	21	11	14	70
15	"	S. E. Karapiet.....	2	5		5	7	12	13	37
	"	J. P. R. Thoy.....	2	5		26	19	10	15	70
	"	F. Green.....	2	5		21	10	9	15	55
	"	F. H. Hurty... R.	3	0	2nd	33	15	18	18	84
	"	S. P. Falcoun.....	2	5		20	16	24	17	77
20	"	C. S. Atkins.....	2	5		19	23	15	21	83
	"	F. W. S. Newland.	2	5		16	12	4	22	54
	"	J. Thipthorpe...	2	5		22	20	25	19	86
	"	J. Burgess..... R.	3	0	2nd	28	27	17	23	95
	"	C. R. Menaud.....	2	5		18	9	22	24	73
25	"	T. Dixon.....	2	5		30	24	29	25	108
	"	P. J. Faulkner. R.	3	0	2nd	23	14	20	28	85
	"	J. J. Yaulj..... R.	3	0	2nd	38	29	26	27	130
	"	H. Hawkes.....	2	5		31	23	21	29	104
	"	J. London..... R.	3	0	2nd	36	35	28	26	125
30	"	M. E. Bowman.....	2	5		35	32	19	31	117
	"	W. Glenday.....	2	5		34	33	35	32	134
	"	T. O. Edmonds.....	2	5		39	36	32	34	141
	"	J. J. Taylor.....	2	5		27	31	33	33	124
	"	T. Anderson.....	2	5		37	34	29	26	136
35	"	W. G. Johnson.....	3	5		32	13	31	35	111
	"	T. W. Lennon.....	2	5		9	30	34	37	110
	Private Student...	E. V. Cardoza.....	3	0		12				
	"	A. E. Dalgairns...	2	0						
	"	A. H. Weldon.....	2	0						
40	"	Meer Musserally...	2	0						

No. 5.

*1st Class Native Medical Pupils under instruction in Anatomy
and Physiology; Chemistry and Materia Medica.*

Rank.	Names of the students as they stood at the commencement of the session.	No. of years in attendance.	Order of merit in the separate branches of study at the close of the session.				General order of merit at the close of the session.
			Anatomy and Physiology.	Chemistry.	Materia Medica.	Total.	
1	Native Medical Pupils.						
	P. Abbey..... No. 596	1	4	1	13	24	6
	J. David..... " 597	1	3	3	17	33	10
	P. Chinnaasamy..... " 598	1	2	3	3	11	3
	E. Aronachellum..... " 599	1	1	1	1	3	1
	P. Vellamoethoo..... " 600	1	21	8	15	44	16
	J. Manuel..... " 601	1	9	10	16	35	13
	N. Francis..... " 602	1	20	6	7	33	9
	T. Vurtharajooloo..... " 603	1	19	13	10	42	15
	R. Ragavooloo..... " 604	1	15	12	4	31	8
	C. Amorthalingum..... " 605	1	18	14	2	34	12
	M. Moonesamy..... " 606	1	12	3	14	29	7
	T. Ramasamy Naidoo..... " 607	1	16	19	23	58	21
	R. Rungasamy..... " 608	1	17	16	12	45	17
	M. Vencotachellum..... " 609	1	23	22	19	64	22
	K. Patchapett..... " 610	1	13	15	24	52	19
	A. Joseph..... " 611	1	14	18	18	50	18
	Solomon..... " 612	1	24	21	22	67	23
	M. Annamantoo..... " 613	1	22	24	21	67	24
	B. Jannickarun Naidoo..... " 614	1	26	25	26	77	26
	Josiah Naidoo..... " 615	1	25	26	25	76	25
	N. N. Moonesamy..... " 570	1	5	2	6	13	3
	S. S. Ramasah Naidoo..... " 574	1	3	17	3	33	11
	S. Maureamchoo..... " 616	1	11	20	5	36	14
	P. Parthasarathy Naidoo..... " 617	1	10	23	20	53	20
	R. Barthasarathy..... " 618	1	3	11	9	23	5
	J. Zachariah..... " 618	1	6	4	11	21	4

No. 6.

Numerical Abstract of the Students who have been removed from the College and the number remaining at this date.

Rank.	At the commencement of the Session.	Deserted.	Resigned.	Discharged for misconduct or incompetency.	Recommended to be permitted to study for another year.	Promoted.	Remaining.	REMARKS.
Senior Medical Apprentices.....	27				2	20	41	
Junior do.	51			7			7	
Paid Candidates.....	9			2				
1st Class Native Medical Pupils.	16			1			19	
2d do.	31			3		8	5	
3d do.	6			1		*1	10	
Lane Student.....	2		1					
Private Students.....	11		1					
Stipendiary Students.....	3		3					
Total.....	156	4	6	17	3	42	84	

* Left College having received the Diploma.

No. 7.

*List of Students who have received Prizes and have been brought to the notice of the
Principal for High Approval.*

Names.	Anatomy.	Maternal Med.	Chemistry.	Botany.	Surgery.	Medicine.	Midwifery.	Diseases of the Eye.
<i>1st or Junior Class. P. Medical Apprentices.</i>								
H. Whitwell*	1st Prize.	1st Prize.	1st Prize.					
G. Callaghan.	2d do.		3d do.					
H. Tallent.	3d do.							
W. H. Booth, P. S.	High Approval			Prize.				
H. Smith.	do							
R. S. Dawson.		2d Prize.						
S. Reaver.		3d do						
P. W. Reeves.		High Approval						
W. Ranson, P. S.			2d Prize.					
A. E. Dalgaire, P. S.			High Approval					
A. H. Weldon, P. S.		4th Prize.						
J. M. Palerson, P. S.				High Approval				
<i>Medical Pupils.</i>								
T. Anachellum.	1st Prize.	1st Prize.	1st Prize.					
R. Chinasawmy.	2d do.	3d do						
P. Barthasarthi.	3d do.							
V. N. Moonesawmy.	High Approval							
C. Amorthalingum.	do.		2d Prize.					
R. Ragavaleo.		2d Prize.						
T. Zachariah.		High Approval	High Approval					

<i>2d Class. Medical Apprentices.</i>								
W. H. Esde.	4th Prize.	High Approval			1st Prize.	2d Prize.		
J. Trutwein.	2d do.	1st Prize.			2d do.			
A. B. Court.	3d do.	2d do.			High Approval	1st Prize.		
P. W. S. Newland.					do.	High Approval		
D. O'Leary.	1st Prize.	High Approval						
J. McDermott.		2d Prize.						
J. Buzely.		4th do.						
W. A. Harrison.								
C. A. Leary.	High Approval							
C. A. Karnes.	do							
A. E. Dalgaire.	do							
<i>2d Class. Medical Apprentices.</i>								
J. D. Jones.					1st Prize.	1st Prize.	2d Prize.	
J. Kingston.					High Approval	1st do.		
J. Johnson.					High Approval	3d Prize.		
J. E. Xavier.								
E. Trutwein.								
<i>Medical Pupils.</i>								
P. M. Salingpaul Nair.	5194							
C. Lazarus.	554							
A. L. Pernand.	556							
M. Ramasawmy.	521							
W. E. Manchemancy.								

* Extra Prize for General Proficiency.

† Government Gold Medal for General attainments.

17

No. 8.

Student who has received the Diploma of Graduate of Medicine and Surgery in the Madras Medical College.

Lane Scholar William Lyons.

No. 9.

Students who have received Honorary Certificates.

Prosecutor in Anatomy.....	Senior Medl. Apprentice	T. Todd.
Asst. in the Anatomical Dept.....	Junior do.	D. O'Leary.
Do. in the Chemical Department.....	Senior do.	A. B. Court.
Do. in the Botanical do.	Junior do.	J. Trutwein.

No. 10.

Students who have this year received Certificates of qualification as Assistant Apothecaries and 2d Dressers.

1 T. Todd.....	A. J. Butterfield.
" J. D. Jones.....	J. McDiarmid.
" J. Johnson.....	J. Anderson.
" J. E. Xavier.....	G. J. Duckworth.
5 J. J. Kingston.....	15 G. A. Watts.
" Edmund Trutwein.....	" R. Hamilton.
" C. Trutwein.....	" W. Johnston.
" E. Gillson.....	" H. Wells.
" C. Jordan.....	" D. Arklie.
10 S. Chalke.....	20 T. Mergler.

No. 11.

1 P. M. Sadagopal Naick No. 519	" C. Soobaroyloo Naidoo No. 549
" C. Lazarus.....	504 " Tekeram.....
" P. Ramalingum Pillay ..	523 " G. Voerabuthren ..
" M. Ramasawmy.	521 " R. Soohdrum.....
5 Ramrajoo.....	531 15 C. Appasawmy... ..
" M. E. Mancellamony Pillay ..	542 " S. R. Jeerooswamy Gaur ..
" Appavoo.....	514 " C. Soobaroyloo.....
" V. Coopooosawmy Naidu ..	544 " M. S. Mootoosawmy Naidu..
" C. Mootoosawmy.....	548 " Sied Nizam Odeen....
10 J. Appavoo.....	513 20 N. Govindarajooloo....

No. 21, Nagapah Pillay, No. 535.

No. 12.

Medical Apprentices and Native Medical Pupils who have failed to pass the examination before the Final Examination Committee as Assistant Apothecary and 2d Dresser.

Senior Medical Apprentice	C. A. Eade.....	} To be discharged the Service.
do.	C. Mathers.....	
do.	M. H. Oliver.....	
2nd Class Native Medical Pupil	Syed Ally No. 522	
do.	Govindaswami ..	532
1st do.	C. Balasoodrum ..	550

No. 13.

To be Remanded.

Senior Medical Apprentice J. Leach.

do. J. H. Bacon.

* 1st Class Native Medical Pupil A. L. Permall.

No. 14.

List of Students recommended by the Professors to be discharged the service as unlikely to qualify for the public service.

Junior Medical Apprentice	Thomas Burgess.....	} 2d Class.
do.	A. C. Bowman.....	
do.	F. H. Huntley.....	
do.	G. Ambrose.....	
do.	George Burgess.....	} 1st Class.
do.	T. A. Herbert.....	
do.	J. Wells.....	
do.	A. Bergenha.....	
Native Medical Pupil	R. Janekeram Naidoo No. 613.	2nd Class.
do.	Josiah Naigum ..	614. 3rd Class.

No. 15.

To be permitted to resign the service.

Junior Medical Apprentice W. W. Watson.

No. 16.

Students recommended to be remanded.

Junior Medical Apprentice	C. Murphy....	} 2d Class.
do.	T. Dixon.....	
do.	T. Anderson.....	
Paid Candidate	W. G. Johnson.....	} 1st Class.
do.	J. A. Gowe.....	

No. 17.

Statement showing the percentage results at the Annual Examination of the 1st year students of 1858-59, compared with 1st year students of 1859-60.

	Medical Apprentices 1st Class.					Native Medical Pupils 1st Class.		
	Chemistry	Materia Medica.	Anatomy and Physiology.	Practical Anatomy.		Chemistry.	Anatomy and Physiology.	Materia Medica.
	1858-59	1859-60	1858-59	1859-60		1859-60	1859-60	1859-60
Very good..	19	33	3	26	16	22	22	22
Good.....	23	40	18	21	15	27	22	38
Fair.....	15	9	21	21	12	15	30	19
Indifferent..	25	15	9	9	18	15	15	4
Bad	4	0	12	18	25	19	8	15
Very bad....	12	0	29	13	23	0	0	0
Strength	72	33	32	23	32	26	26	26

No. 18.

Statement showing the percentage results at the Annual Examination of the 2nd year's Students of 1858-59 compared with 2nd year's Students of 1859-60.

Nature of result.	Medical Apprentices 2nd Class.					
	Anatomy.	Practical Anatomy.	Materia Medica.	Surgery.	Medicine.	
	1858-59	1859-60	1858-59	1859-60	1859-60	
Very good	3	0	11	33	21	9
Good.....	18	15	28	42	31	34
Fair.....	21	12	11	9	31	25
Indifferent.....	9	18	23	15	9	12
Bad.....	18	25	8	0	3	15
Very bad.....	28	28	11	0	3	3
Strength	32	32	35	33	32	32

*List of Donors to the Library of the Madras Medical College for the
Session 1859-60.*

Pathological Society of London.

Transactions of the Pathological Society of London, Vols. 9th and 10th.

G. Smith, Esq., M. D.

Hyderabad Hindoostance Medical Journal, No. 5.

His Excellency Sir C. E. Trevelyan, K. C. B.

Hindoo System of Medicine, by T. Wise, Vol. 1.

Committee of Madras Exhibition.

Classified Catalogue of the Raw Produce of the Madras
Exhibition 1859..... } 2. Vols.

Dr. Leon Daguillon.

Dictionnaire de Medicine ou Repertoire
General des sciences Medicales..... } 30. Vols.

List of Contributors to the Museum, Session 1859-60.

Dr. W. Aitkin.

Medullary Cancer of the kidney, and cancer of the Liver.

Dr. C. M. Duff.

A large fatty tumour.

Dr. J. W. Mudge.

Choroid plexuses, showing cysts on the surface.

Assistant Surgeon Lowe.

Osteo Sarcoma of the lower jaw.

Dr. J. Pringle.

A portion of small intestine with lumbrici.

Professor H. B. Montgomery, M. D.

Schirrhous of the male breast.

Placenta with funis.

Bones of a foetal skull.

Encephaloid tumour.

Portion of vertebral column fractured.

Assistant Surgeon Dickenson.

Osteo sarcoma of the femur.

Professor J. E. Paul, M. D. & A. M.

Portion of vertebral column fractured.

Tibia showing the effects of a gun shot wound.

Medullary sarcoma of the knee joint.

Intestine congested, result of incarceration.

Medullary sarcoma of the knee joint.

Professor A. Blacklock.

A specimen showing deposit of tubercular matter between the layers
of the mesentery.

Superintending Surgeon A. G. Graham.

Abicephalous foetus.

Dr. C. Patterson.

A specimen of tape worm.

Expenses of the Madras Medical

		1859.				
No.	Rank.	May.	June.	July.	August.	September.
1	Principal Medical College.....	400	400	400	400	400
1	Professor of Medicine &c.,	150	150	150	150	150
1	" of Chemistry. &c.,	150	150	150	150	150
1	" of Midwifery. &c.,	150	150	150	150	150
1	" of Surgery. &c.,	150	150	150	150	150
1	" of Anatomy. &c.,	150	150	150	150	150
1	" of Materia Medica, &c.	150	150	150	150	150
1	" of Medical Jurisprudence.....	150	150	150	150	150
1	Assistant to the Professor of Chemistry.	100	100	100	100	100
1	Demonstrator of Anatomy, &c.....	100	100	100	100	100
1	Assistant to the Professor of Materia	100	100	100	100	100
1	Medica.....	100	100	100	100	100
1	Native Assistant.....	50	50	50	50	50
4	Subordinate Assistants in the several					
	Departments of Instruction at Rs. 5					
	each.....					20
1	Clerk.....	50	50	50	50	50
1	Draughtsman.....	35	35	35	35	35
1	Anatomical Attendant.....	15	15	15	15	15
1	do. do. ".....	10	10	10	10	10
1	do. do. ".....	10	10	10	10	10
1	Peon and Mochhee.....	10	10	10	10	10
1	Chemical Labar.....	10	10	10	10	10
2	Lascars at Rs. 5 each.....	10	10	10	10	10
2	Gardeners " 5.....	10	10	10	10	10
2	Dooly Bearers at Rs. 6 each.....	10	10	10	10	10
	Contingent Expenses of the College.....	24	24	24	24	24
	Fundres and Articles supplied in the	31	50	36	65	57
	several Departments of Instruction					
	Stationery, &c.....					
	Military Students.....					
	Senior and Junior Medical Apprentices.....					
	Paid Candidates, 1st, 2nd and 3rd	1500	21070	1	303	2186
	Classes of Native Medical Pupils.....					31510

College for the Session 1859-60.

[illegible]

MADRAS MEDICAL COLLEGE.

Abstract Statement of Military and Civil Students attending the Madras Medical College, who received pay during the Session 1859-60.

	1859.								1860.			
	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.
Senior Medical Apprentices.	21	15	14	17	26	28	27	27	27	27	27	27
Junior do. do.	40	31	28	74	48	49	45	51	48	47	49	49
Paid Candidates.	8	6	5	13	11	10	10	10	10	10	9	9
1st Class Native Medical Pupils	14	4	2	2	15	17	1	15	17	16	16	16
2d do. do.	27	25	25	42	31	32	31	29	33	30	30	30
3d do. do.				6	5	5	5	5	5	5	5	5

Abstract Statement of the Expenses.

	Rs.	A	P	Rs.	A	P.
Salaries of Professors and Principal.....	17,117	11	10			
do. of Assistants.....	4,340	0	0			
do. of Establishment and servants.....	2,214	0	0			
Contingent Expenses.....	667	0	4			
Stationery, &c.,	142	10	8			
Salaries of Military Students.....	18,425	5	11			
Annual Supplies &c.,	543	12	11			
Grand total Rupees.....	43,450	9	8			

Extract from the Madras Medical College Regulations.

Every student is required to attend punctually at the stated hours for lectures and dissections.

Immediately after the bell for the assembly of the class has been rung, the roll shall be called, and the absence of any student noted. A student coming into the class room after roll-call, shall be punished by the loss of from 1 to 3 places in the class at the discretion of the Professor. Any misconduct shall subject a student to such loss of position in his class, as the offence may appear to the Professor to warrant. Should this punishment be deemed insufficient, a report will be made to the Principal in writing for record.

Gross irregularity of any kind shall be brought to the notice of the Principal, and such penalty awarded as he may deem fit.

Any student, who shall absent himself without leave, (unless such absence be satisfactorily explained,) or in consequence of sickness attributable to his own imprudence, shall be placed at the bottom of his class.

Any student, who shall be prevented from attending his class in consequence of confinement to the Hospital or in the Congee-house, shall be considered as having been "absent without leave."

In case of absence on account of sickness duly certified, and not the result of the student's own imprudence, the absentee will be relieved from any penalty, and his position in the class shall remain unaffected.

To prevent irregularity of attendance on the part of students on the pretext of temporary ailment, or of taking medicine, the following rules shall be strictly observed.

1. All Apprentices and Pupils attached to the General or Regimental Hospital, when requiring medicine, shall apply to the Apothecary of the General Hospital, and shall remain in the Hospital for the rest of the day.

2. Apprentices and Pupils doing duty at other Hospitals and Dispensaries, are to remain on the premises when taking medicine, a certificate of absence being furnished as heretofore.

3. Apprentices and Paid Candidates forming the 1st years' class, and Preparatory Native students when unable from sickness to attend

College, are required to apply for medical aid to the nearest Hospital or Dispensary, and to bring the usual certificate from the Medical Officer.

4. Any student absenting himself for the purpose of attending the Police Office, shall be subject to the same penalty as if absent without leave, unless he can produce a certificate for the information of the Principal that his attendance has been necessary, either as a witness, or, if as a Defendant, that he has been acquitted by the Magistrate of the charge preferred against him. Absence on account of attendance at the Small Cause Court will be regulated by the same principle.

Leave of absence during the vacation of the College shall be granted to such students alone as have paid satisfactory attention to their studies during the previous course, and to those whose conduct has been, in all other respects satisfactory.

Every student to whom Books or other property of Government are entrusted, is responsible for their preservation, and, in the event of their being lost or damaged, will be required to replace them, or defray their cost.

No student shall receive his certificate of qualification, until he has paid all expenses incurred on account of the purchase of text books, and has satisfied all demands against him arising out of the preceding rule.

The College will be closed at

Christmas for 8 days.
Easter..... 3 do.
Deepavallee..... 1 do.
Dussarah..... 1 do.
Pongul Pandaga 1 do.

The Mahomedan Students will be permitted to absent themselves.

Ramzan..... 1 day.
Barawfat..... 1 do.
Mohorum..... 1 do.
Buckreed..... 1 do.

MADRAS MEDICAL COLLEGE,

1st September 1859.

J. SHAW, F. R. C. S.

Principal Medical College.

Report on the Primary Medical School.

Madras,

To,

The Acting Director of Public

Instruction.

Sir,

We have the honor to inform you that at the request of the Principal of the Medical College, we have conducted the Annual Examination of the Primary Medical school.

2. We were present on every day last week except the 24th, the hours of our attendance, were as follows. On Monday from 3 to 5, P. M.—Tuesday, Wednesday and Friday from half past 2 to half past 5, P. M.—and on Saturday from 4, to half past 5, P. M.

3. We submit herewith Tabular Statements framed on the plan adopted last year, which will give full details as to the answering of each of the lads in the several branches of instruction, and the subjects taught in each department.

4. The general result of the examination was very satisfactory, and we fully agree in the remarks of the Committee of last year, as to the great usefulness of this Institution, as a training school, preparatory to Native Pupils entering the College.

5. We desire however to record our decided opinion that the number of subjects of a professional character, is rather too large, and we believe that the omission of practice of Medicine, and Physiology, in all classes is desirable.

6. The answering in English generally was satisfactory, but that in Geography, Arithmetic, Grammar and meaning of words, less so than in the other studies. With reference to the English branch of education it appears that the 1st Class presents five instances of failure. In all these cases, the failure in reading, and meaning of words, was so serious as to compel us to recommend that these boys should be remanded, and it is a question whether their removal from the school would not be preferred. In the Professional studies of the 1st Class all passed satisfactorily, and we consider that the marked contrast in the answering between the two departments of instruction, indi-

C. Moonesawmy and T. Narrainsawmy promoted from 2nd to 1st Class and Solomon and Vencatsawmy promoted from 3rd to 2nd Class, appear in our list as they originally stood.

14. We desire to acknowledge the courtesy of Dr. Aitken, who is in temporary charge of the school, and who kindly met us at the examination, to represent Dr. Mudge who was absent from Madras.

15. It is unnecessary for us to do more than record our opinion, that the progress of the school has been much aided by the constant and judicious surveillance Dr. Mudge has exercised over it.

16. In conclusion we desire respectfully to recommend that the good services of 2nd Apothecary Barrow, and Assistant Apothecary Davis, in the educational department of the school, should be brought prominently to the notice of the Principal Inspector General, Medical Department, and of Government, and we bring to your kind consideration the merits of Mr. Watkins the English Teacher.

17. Having learnt from the order of Government, No. 1790, dated the 9th Instant, the intended removal of the Primary School to the Medical College, we forbear re-opening this topic, feeling it necessary however, to add that we fully agree in the observations upon this point, recorded in the last Annual Report of the Primary School.

MADRAS. } We have, &c.,
1st June 1860. } (Signed) HOWARD. B. MONTGOMERY. M. D.
Professor of Botany and Materia Medica.
" W. N. CHIPPERFIELD,
Professor of Anatomy and Physiology.

TABLE I.

Report on English Studies of 1st Class Primary School.

Names.	Period under instruction.	Grammar.	Geography.	Arithmetic.	Hand writing.	Spelling.	Reading.	Meaning of words.	Result of the whole examination for each boy.
Vencatroyaloo.....	31	good	fair	fair	good	fair	fair	fair	Passed.
Cassim Ally.....	30	Ind.	good	bad	good	good	good	good	do.
Vidjagaravveloo.....	19	fair	good	bad	good	fair	good	fair	do.
Shanneegum.....	20	fair	good	bad	V.G.	V.G.	good	fair	do.
P. Narrainsawmy.....	15	good	good	V.G.	V.G.	V.G.	fair	good	do.
V. Narrainsawmy.....	25	fair	good	bad	good	V.G.	good	good	do.
Veeravgoon.....	18	fair	good	bad	bad	good	fair	fair	do.
Ungameetoo.....	29	fair	bad	bad	Ind.	good	Ind.	Ind.	Failed.
Maunasing.....	21	Ind.	bad	bad	bad	fair	fair	bad	do.
Vencatasawmy Naidoo...	15	Ind.	fair	bad	Ind.	fair	Ind.	bad	do.
C. Narrainsawmy.....	21	fair	fair	bad	fair	fair	Ind.	fair	Passed.
C. Moonesawmy.....	10	fair	fair	fair	fair	good	good	good	do.
Mooreogasen.....	20	Ind.	fair	fair	Ind.	fair	fair	good	do.
Mahalingum.....	20	Ind.	fair	bad	good	good	good	good	do.
Shah Madar.....	30	fair	fair	bad	bad	good	good	fair	do.
Ramechendum.....	15	Ind.	bad	fair	Ind.	Ind.	Ind.	bad	Failed.
T. Narrainsawmy Naidoo.	21	good	V.G.	good	V.G.	good	good	Ind.	Passed.
V. Moonesawmy.....	23	fair	fair	V.G.	Ind.	good	Ind.	Ind.	Failed.
		Grammar.	Geography.	Arithmetic.	Hand writing.	Spelling.	Reading.	Meaning of words.	
Very Good.....		9.	1.	2.	3.	3.	0.	0.	
Good.....		3.	6.	1.	5.	2.	5.	3.	
Fair.....		9.	8.	4.	2.	6.	5.	4.	
Indifferent.....		6.	0.	0.	5.	1.	5.	3.	
Bad.....		0.	3.	1.	3.	0.	0.	3.	
Result of examination of the whole class.....		F.	F.	Ind.	F.	G.	G.	F.	

TABLE II.

Report on Professional Studies of the 1st Class Primary School.

Names.	Period under instruction.	Materia Medica.	Pharmacy.	Practice of Medicine.	Vaccination.	Anatomy.	Physiology.	Minor Surgical operations.	Hospital duties.	Surgery.	Result of the examination for each boy.
Venkataraoyaloo.....	31	good	g.	V.G.		good	V.G.	V.G.		V.G.	Passed.
Cassim Ally.....	30	good	g.	good		Ind.	good	V.G.		good	do.
Vidgearagavooloo.....	19	good	g.	V.G.		good	fair	V.G.		good	do.
Shunmoogum.....	20	good	g.	good		good	good	good		good	do.
P. Narrainsawmy.....	15	fair	g.	good		V.G.	V.G.	good		V.G.	do.
V. Narrainsawmy.....	25	fair	g.	good		good	fair	good		good	do.
Vecragoo.....	18	good	g.	good		V.G.	fair	fair		good	do.
Ungamoothoo.....	20	V.G.	g.	V.G.		V.G.	fair	fair		V.G.	do.
Maun Sing.....	21	fair	f.	fair.		good	fair	fair		good	do.
Venketasawmy Naidoo	15	Ind.	f.	fair.		good	fair	fair		good	do.
C. Narrainsawmy.....	21	fair	f.	good		Ind.	good	good		good	do.
C. Moonesawmy.....	10	fair	f.	good		good	good	fair		good	do.
Mooreogasen.....	20	Ind.	f.	good		good	good	fair		good	do.
Mahalingum.....	20	Ind.	f.	good		good	good	fair		good	do.
Shaik Madar.....	30	fair	f.	Ind.		fair	Ind.	V.G.		good	do.
Ramachendur.....	15	good	g.	fair.		fair	good	good		good	do.
T. Narrainsawmy Naidoo	21	V.G.	g.	fair.		V.G.	good	good		good	do.
V. Moonesawmy.....	23	good	g.	fair.		good	good	V.G.		good	do.

	Materia Medica.	Pharmacy.	Practice of Medicine.	Vaccination.	Anatomy.	Physiology.	Minor Surgical operations.	Hospital duties.	Surgery.
Very Good.....	2	0	3	0	4	2	5	0	2
Good.....	7	14	9	13	10	9	6	14	15
Fair.....	6	4	5	0	2	6	7	4	0
Indifferent.....	3	0	1	0	1	1	0	0	0
Bad.....	0	0	0	0	0	0	0	0	0
Result of examination of the whole Class.	G	G	G	G	G	G	G	G	G

TABLE III.

Report on English studies of 2nd Class Primary School.

Names.	Period under instruction.	Grammar.	Geography.	Arithmetic.	Hand writing.	Spelling.	Reading.	Meaning of words.	Result of the whole examination for each boy.
C. Ramasawmy.....	10	good	fair	fair.	V.G.	good	V.G.	V.G.	Passed.
Aundy.....	10	good	fair.	fair.	fair.	good	good	V.G.	do
T. Narrainsawmy.....	13	good	fair.	fair.	good	good	V.G.	Ind.	do
Gnanapragasam.....	21	fair.	fair.	fair.	V.G.	good	good	Ind.	do
Anthony Paul.....	15	Ind.	fair.	fair.	bad.	good	Ind.	Ind.	Failed.
Goeriah.....	12	good	fair.	good	Ind.	good	fair.	Ind.	Passed.
Yurdarajaloo.....	10	fair.	fair.	good	Ind.	good	good	fair.	do
M. R. Kistnasawmy...	19	fair.	fair.	good	V.B.	bad.	bad.	good	Failed.
Hafeezodeen.....	18	good	fair.	good	fair.	good	V.G.	fair.	Passed.
Iyacunnoo.....	9	good	good	good	good	good	V.G.	V.G.	do
Ycatherajaloo.....	12	good	fair.	good	bad.	good	good	good	do
Jeevan Sing.....	8	good	fair.	good	fair.	good	V.G.	good	do
Derraihkhau.....	13	Absent without leave since 17th April 1860.							
Goolum Nubby.....	12	fair.	fair.	good	fair.	good	good	good	Passed.
Appavoo.....	9	Ind.	fair.	good	bad	bad	good	Ind.	Failed.
Doorasawmy.....	11	fair.	fair.	good	fair.	good	good	V.G.	Passed.
Vencatasawmy.....	9	good	fair.	good	good	good	V.G.	V.G.	do
Chengelroyen.....	8	good	fair.	good	good	good	V.G.	good	do
Solomon.....	6	good	fair.	good	good	good	V.G.	good	do

	Grammar.	Geography.	Arithmetic.	Hand writing.	Spelling.	Reading.	Meaning of words.
Very Good.....	0	0	0	2	0	8	5
Good.....	11	1	13	5	16	7	6
Fair.....	5	17	5	5	0	1	8
Indifferent.....	2	0	0	2	0	3	0
Bad.....	0	0	2	4	0	1	0
Result of examination of the whole Class.	good	fair.	good	fair.	good	V.G.	fair.

TABLE IV.

Report on Professional Studies of the 2nd Class Primary School.

Names.	Period under instruction.	Materia Medica.	Pharmacy.	Practice of Medicine.	Vaccination.	Anatomy.	Physiology.	Minor surgical operations.	Hospital duties.	Surgery.	Result of the examination for each boy.
C. Ramasawmy	10	V.G.	V.G.	good	good	V.G.	good	good	good	V.G.	Passed.
Aandy	10	V.G.	good	good	good	good	good	good	V.G.	"	do.
T. Narraiasawmy	13	fair	good	fair	good	good	V.G.	fair	good	"	do.
Gnanapragasam	21	good	V.G.	good	good	fair	good	fair	fair	"	do.
Anthony Paul	15	good	good	good	good	good	good	fair	good	"	do.
Gooriah	12	good	fair	good	good	V.G.	good	fair	good	"	do.
Vardarajoo	10	good	fair	good	good	good	good	fair	good	"	do.
M.R. Krishnasawmy	19	fair	good	fair	good	V.G.	good	good	fair	"	do.
Hafeezodeen	18	good	good	fair	good	good	good	good	good	"	do.
Iyacunno	9	good	good	Ind.	good	fair	Ind.	fair	good	"	do.
Yeatherajoo	12	fair	good	fair	good	good	Ind.	fair	Ind.	"	do.
Jeevan Sing	9	good	fair	good	good	fair	fair	good	good	"	do.
Derrial Khan	13	Absent without leave since 17th April 1860.									do.
Gokum Nabby	12	fair	good	Ind.	good	fair	good	good	fair	"	do.
Appaveo	9	fair	good	Ind.	good	Ind.	fair	Ind.	fair	"	Failed.
Dorasawmy	11	good	fair	fair	good	V.G.	good	Ind.	good	"	Passed.
Venketsawmy	9	fair	good	good	good	V.G.	good	Ind.	good	"	do.
Chengulroyen	8	good	good	good	good	V.G.	good	fair	good	"	do.
Solomon	6	V.G.	good	fair	good	good	fair	good	V.G.	"	do.
Very Good	3	2	0	0	0	1	0	2			
Good	9	12	9	18	7	12	7	11			
Fair	0	4	6	0	4	3	8	4			
Indifferent	0	0	3	0	1	2	3	1			
Bad	0	0	0	0	0	0	0	0			
Result of examination of the whole class		good	good	fair	good	good	good	fair	good		

TABLE V.

Report on English studies of 3rd Class Primary school.

Names.	Period under instruction.	Grammar.	Geography.	Arithmetic.	Hand Writing.	Spelling.	Reading.	Meaning of words.	Result of whole examination for each boy.
Daniel	8	good	good	Ind.	V.G.	good	good	fair	Passed.
A. Rungasawmy	8	good	fair	good	good	good	good	fair	do.
A. Moonesawmy	8	good	V.G.	good	good	good	good	good	do.
N. Balasoodram	7	good	good	good	V.G.	good	good	good	do.
Streenevassen	8	Ind.	Ind.	good	fair	good	good	good	do.
Kistnasawmy	9	good	good	good	good	good	good	good	do.
Theeromaliah	8	fair	fair	good	bad	good	Ind.	Ind.	Failed.
M. Chinnasawmy	7	fair	fair	good	Ind.	good	Ind.	good	Passed.
Appasawmy	9	fair	Ind.	good	good	good	good	good	do.
P. Chinnasawmy	3	fair	Ind.	good	V.G.	good	good	good	do.
T. Veerasawmy	7	Ind.	Ind.	good	bad	good	fair	good	do.
Baboo Rao	9	good	V.G.	good	good	good	good	good	do.
Syed Gokum Sheffer	9	good	fair	good	fair	good	good	good	do.
Ramiah	15	good	fair	good	bad	Ind.	fair	fair	do.
Mahomed Sherif	6	Ind.	Ind.	good	fair	good	good	good	do.
P. Moonesawmy	6	good	Ind.	good	fair	Ind.	fair	bad	do.
S. Narraiasawmy	7	good	fair	Ind.	Ind.	fair	fair	fair	do.
C. Rungasawmy	7	Ind.	bad	Ind.	Ind.	good	good	bad	Failed.
M. Moonesawmy	2	fair	bad	Ind.	Ind.	fair	bad	bad	do.
Very Good	0	2	0	3	0	0	0	0	
Good	10	3	15	5	15	12	11		
Fair	5	6	6	4	2	4	4		
Indifferent	4	6	4	3	2	2	2		
Bad	0	2	0	4	0	1	3		
Result of examination of the whole class		G.	F.	G.	F.	G.	G.	G.	

TABLE VI.

Report on Professional Studies of the 2nd Class Primary School.

Names.	Period under instruction.	Result of examination for each boy.									
		Materia Medica.	Pharmacy.	Practice of Medicine.	Vaccination.	Anatomy.	Physiology.	Minor surgical operations.	Hospital duties.	Surgery.	Result of the examination for each boy.
Daniel.....	8	V.G.	V.G.			good	good	good			Passed.
A. Rungasawmy.....	8	fair	good			fair	good	good			do
A. Moonesawmy.....	8	V.G.	fair.			good	fair	fair			do
N. Balasoodrum.....	7	fair	good			fair	fair	fair			do
Streenavasson.....	8	Ind.	good			fair	fair	fair			do
Kristnabsawmy.....	9	good	good			V.G.	good	good			do
Theroomaliah.....	8	fair	fair			good	fair	fair			do
M. Chinnasawmy.....	7	fair	fair			fair	Ind	bad			do
Appasawmy.....	9	fair	fair			good	bad	bad			do
P. Chinnasawmy.....	8	good	fair			fair	bad	bad			do
T. Verasawmy.....	7	good	Ind.			V.G.	bad	bad			do
Baboo Row.....	9	fair	good			good	fair	fair			do
Syed Goolan Sheffee.....	9	fair	fair			fair	fair	fair			do
Ramiah.....	15	Ind.	good			sick	sick	sick			do
Mahomed Sheriffe.....	6	Ind.	fair			bad	fair	fair			Failed.
P. Moonesawmy.....	6	bad	Ind.			fair	good	good			Passed.
S. Narrainsawmy.....	7	bad	Ind.			bad	bad	bad			Failed.
C. Rungasawmy.....	7	bad	Ind.			bad	bad	bad			do
M. Moonesawmy.....	2	bad	Ind.			bad	bad	bad			do
Very Good.....	2	1				2		0			
Good.....	3	6				2		4			
Fair.....	7	7				0		7			
Indifferent.....	3	5				0		1			
Bad.....	4	9				4		7			
Result of examination of the whole class ...	F.	F.				F.		F.			

TABLE VII.
Subjects taught by Mr. Watkins.

Classes.	Reading.	Grammar.	Geography.	Arithmetic.	Dictation.
1st. Class.	M'Culloch's Course of Reading.	Orthography, Etymology, Syntax of simple sentences.	Europe and Asia generally.	As far as Multiplication of Decimals.	Ordinary prose passages.
2nd. Class.	Do.	Do.	Do.	As far as Division of Vulgar Fractions.	Do.
3rd. Class.	Do.	Do.	Do.	As far as the least common Multiple.	Do.

TABLE VIII
Subjects taught by Mr. Davis.

Classes	Anatomy.	Physiology.	Minor operations in Surgery.	Surgery.
3rd Class.	Osteology.	Of the various structures of the body. Of Proximate Principles. Of Respiration. Of Circulation.	Leeching and cupping. Bandaging (simple).	No lessons given.
2nd Class.	Osteology. Ligaments of extremities. General outline of Viscera. Of the arteries generally. Of the Brain and nerves generally.	The same as for 3rd Class. <i>additional.</i> Of the Blood. Of Digestion and assimilations. Of secretion generally.	General and Local Blood letting. Application of setons. Actual cautery &c, &c. Bandaging.	Of Fractures generally.
1st Class.	The same as for the 2d Class. Muscles of the upper extremity in addition.	The same as for the 2d Class.	The same as for the 2d Class.	Of Fractures generally. Of Wounds. Of Hemorrhage.

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TABLE IX
Subjects taught by Mr. Barrow.

Classes.	Materia Medica.	Pharmacy.	Practice of Medicine.	Hospital duties.
3rd Class.	Preparations of Mercury, Iron, Antimony, Zinc, Lead, Sulphur, Arsenic and the Mineral acids, and their uses, doses &c, &c.	The preparation of Medicines in general and of the various Pharmaceutical operations.—	No lessons given.	No lessons given.
2nd Class.	Uses and doses of the principal Astringents, Alteratives, Emetics, Expectorants, Diaphoretics, Diuretics, Cathartics, Stimulants, Tonics, Sedatives, and Antispasmodics.	The same as for 3rd Class.	General outline of Fevers and of Eruptive Fevers. Of the diseases of the Digestive organs and of the air passages and lungs.— Vaccination.—	On the use and application of Blisters. Issues and Counter-issues and Enemas, suppositories, Lotions, Baths, Gargles, &c, &c.
1st Class.	The same as for 2nd Class.—	The same as for 3rd Class.—	The same as for 2nd Class.— Vaccination.—	The same as for 2nd Class.—

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For
A 30
L. 211, E. 11, M. 159
M 60

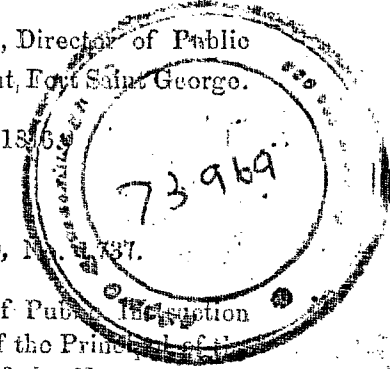
PUBLIC DEPARTMENT.

PROCEEDINGS of the MADRAS GOVERNMENT.

Read letter from A. J. Arbuthnot, Esq., Director of Public Instruction, to the Chief Secretary to Government, Fort Saint George.

(Here enter 8th October 1860, No. 1860.)

ORDER THEREON, 3rd December 1860, No. 1860.



1. With the above letter the Director of Public Instruction submits, with his remarks, the Annual Report of the Principal of the Medical College for 1859-60, and the report of the Examiners appointed to examine the Primary Medical School.

2. These papers call for little remark. The progress of the pupils during the year appears to have been on the whole satisfactory, and their general conduct is very favorably spoken of by the Principal and the Professors.

3. The Primary Medical School has recently ceased to exist as a separate Institution, its staff of teachers and pupils having been placed under the Head of the Medical College. The management of this Institution was undertaken gratuitously by Dr. Mudge, and it was to his efficient supervision and constant attention that the School owed the satisfactory position which it attained before its abolition. The Honorable the Governor in Council desires that the thanks of the Government be conveyed to Dr. Mudge for his valuable services.

4. The change in the system of instruction referred to in paragraph 6 of the Director's letter, appears a most judicious one. There can be no doubt that practical illustration is more likely to assist the student than mere formal lectures, and that this mode of imparting information ought to hold an important place in the course of Medical instruction.

(True Extract.)

(Signed) T. PYCROFT.

Chief Secretary.