

**SETH GORDHANDAS
SUNDERDAS
MEDICAL COLLEGE**



**CALENDAR
1929-30**

All communications should be addressed to—

THE DEAN,

SETH G. S. M. COLLEGE,

PAREL, BOMBAY 12.

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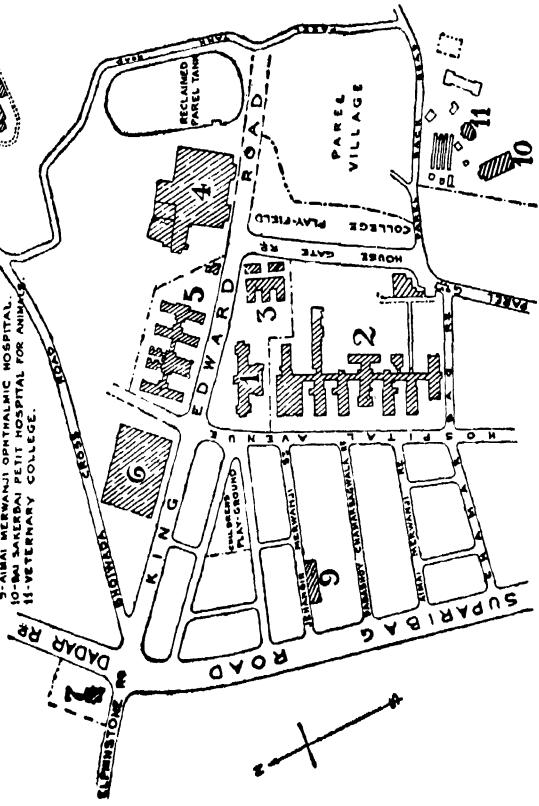
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REFERENCES:-

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- 2-K.E.M. HOSPITAL
- 3-STUDENTS HOSTEL
- 4-HAFFKINE INSTITUTE
- 5-NOWROJEE WADIA MATERNITY HOSPITAL
- 6-PROPOSED BAI JERBAI MADRA CHILDREN'S HOSPITAL
- 7-CENTRAL VACCINATION DEPOT
- 8-TURNER SANATORIUM
- 9-AIRAI MERWANJI OPHTHALMIC HOSPITAL
- 10-BAI SAKERBAI PETIT HOSPITAL FOR ANIMALS
- 11-VETERINARY COLLEGE



PLAN SHOWING VARIOUS MEDICAL INSTITUTIONS IN THE IMMEDIATE NEIGHBOURHOOD OF SETH GORDHANDAS SUNDERDAS MEDICAL COLLEGE, BOMBAY.

SETH GORDHANDAS SUNDERDAS MEDICAL COLLEGE, BOMBAY

(AFFILIATED TO THE UNIVERSITY OF BOMBAY, 1925.)

The Seth Gordhandas Sunderdas Medical College owes its origin to the endowment, in 1916, of Rs. 14,50,000 in 3½ per cent. promissory notes from the Trustees of the late Seth Gordhandas Sunderdas, offered to the Bombay Municipal Corporation for the foundation of a Medical College in association with the King Edward VII Memorial Hospital which the Corporation had undertaken to build, equip and maintain.

HISTORY.

By the passing of the Bombay Police Charges Act of 1907, it became imperative on the Municipal Corporation for the City of Bombay to extend the work of medical relief in the City. The want of a fully equipped large general Hospital was keenly felt to meet the growing demands of the rapidly developing portions of the North of the Island. In the year 1909, the Municipal Commissioner was asked by the Committee appointed by the Corporation for the purpose of extending medical relief to put before them definite proposals for the establishment of a fully equipped modern Hospital in a suitable locality. Soon after, on the death of His Imperial Majesty King Edward VII, the people of Bombay decided to raise a suitable memorial to his reign in the City. In September 1911, the Secretaries of the Memorial Fund Committee informed the Corporation that their Committee had decided that a Hospital in the Northern part of the Island would form a most fitting memorial to His late Majesty. They, also, informed that they had collected funds to the extent of about seven lakhs of rupees and that the Government had granted a free site measuring 50,000 square yards on the Parel Government House Estate, the market value of which, as then estimated, was rupees five lakhs. The Corporation welcomed this offer of assistance and replied that, as they had intended to build a Hospital themselves, they would be prepared to build, equip and maintain it.

The donation of seven lakhs from the King Edward VII Memorial Association included a sum of Rs. 1,20,655 received from the Secretaries of the Sir Currimbhoy Ebrahim Entertainment Fund on condition that one of the Wards bore the name of Sir Currimbhoy and the sum of Rs. 1,00,000 from Mr. Purshottamdas Mangaldas Nathubhoy, for the building of a Ward to be named after his wife Bai Lilavati. Subsequently a donation of Rs. 30,000 was received from the estate of the late Dr. Habib Ismail Jan Mahomad on condition that an Operation Theatre was erected and named after the deceased. The balance of the Fund celebrating the visit to India in 1911, of His Imperial Majesty George V and amounting to Rs. 52,000 was also handed over to the Corporation for reserving beds in connection with the King Edward Memorial Hospital. Government contributed the sum of Rs. 4 lakhs towards the construction of the Hospital and gave an indirect contribution of about one lakh of rupees by allowing a rebate of $2\frac{1}{2}\%$ on the total cost of the Hospital whose construction was undertaken by its Public Works Department.

In the year 1916, another development took place in the history of the Hospital. At the instance of the Trustees of Seth Gordhandas Sunderdas, the then Advocate General, the Honourable Mr. D. N. Bahadurji offered to the Corporation Government Loan Notes of the face value of Rs. 12,00,000 (which was subsequently increased to Rs. 14,50,000) in $3\frac{1}{2}$ per cent. Government Promissory Note for endowing a Medical College, to be named after Seth Gordhandas Sunderdas, with King Edward VII Memorial Hospital. The endowment was made under the following conditions:—

- (a) That the College should be established in connection with, and be attached to, the King Edward VII Memorial Hospital.
- (b) That the College should be affiliated to the University of Bombay and proper provision should be made therein for giving instruction to the highest medical degree of the University.
- (c) That the Corporation should provide the necessary buildings and equip the College with all necessities for giving proper instruction.
- (d) That the Corporation should ever afterwards maintain the College and defray the necessary recurring expenditure for the purpose.
- (e) That the Professors and Teachers to be employed at the College should all be properly qualified independent Indian Gentlemen not in Government Service.
- (f) That the College should be named the "Seth Gordhandas Sunderdas Medical College".

SETH G. S. M COLLEGE
(FRONT VIEW)



Seeing that the need for another Medical College in the Presidency was keenly felt, the Corporation accepted the munificent offer.

AFFILIATION.

An application for the affiliation of the College to the University of Bombay was made on the 25th March 1925. The Senate recommended to Government in July 1925 the affiliation of the College provisionally, subject to certain conditions, for a period of eighteen months from June 1925, in the Faculty of Medicine for the course of study prescribed for the Intermediate M.B., B.S. Examination. Government were pleased to notify their sanction to the Senate's recommendation by Government Resolution No. 3732, dated the 3rd September 1925. The College and Hospital were formally opened by His Excellency the Right Honourable Colonel Sir Leslie Wilson, P.C., G.C.I.E., C.M.G., D.S.O., Governor of Bombay on the 22nd January 1926.

The permanent affiliation of the College for the course of studies of M.B., B.S. Degrees was recommended by the Senate to the Government, at its meeting held on 10th July 1926, who accorded their sanction thereto, (*vide* Govt. Notification No. 3732 of 31st August 1926). The College is also affiliated to the College of Physicians and Surgeons, Bombay, for all its Examinations.

The College and the Hospital have been recognised for Post-graduate Degrees and Diplomas, and the Senate, on 2nd April 1927, recommended to Government for the recognition of these Institutions for Post-graduate Medical Degrees and Diplomas, with retrospective effect from 15th February 1926, the date on which the Hospital was opened for the reception of patients, and the Government gave their approval to this (*vide* Notification No. 3732 of the Education Department, dated 4th June 1927).

The College is affiliated to the University of Bombay for the B.Sc. Courses in the Subjects of Animal Physiology and Micro-Biology.

COLLEGE AND HOSTEL BUILDINGS.

The College is a handsome three storeyed building, designed in 'E' shape, with the possibility of future extension by the erection of a three storey wing to the North-east, providing for an increase of about 60 per cent. over the present accommodation. In the compound of the College, a Students' Hostel with an accommodation for about 100 students has been erected.

These buildings as well as the Hospital buildings were designed by the late Mr. George Wittet, F.R.I.B.A. The College and Hostel buildings were constructed by the Tata Engineering Co., under the personal supervision of Mr. Wittet.

The following statement shows the initial expenditure incurred on the College, Hostel and Hospital Buildings.

SETH G. S. MEDICAL COLLEGE.

Cost of land	...	...	Rs. 2,40,380
Cost of Buildings, Sanitary & Electric installation &c.			8,60,305
Quarters for Servants	...	...	30,994
Cost of Equipment —			
(a) The approximate cost of the Scientific apparatus, Chemicals &c., for the various Departments of the College.	...		1,44,529
(b) Furniture and Laboratory Benches	...		1,31,348
(c) Library	...	...	23,433
Total approximate cost			Rs. 14,30,989

HOSTEL.

Cost of Building, Sanitary & Electric installation &c.			2,61,984
Cost of Furniture	...	...	20,640
Total approximate cost			Rs. 2,82,624

KING EDWARD VII MEMORIAL HOSPITAL.

Cost of land presented free by the Bombay Government	...	...	5,00,000
Cost of rest of the land purchased for the Hospital	...	...	1,34,890
Cost of Buildings, (including quarters for Nursing and other Staff) and of Sanitary and Electric and Gas installation &c.	...	...	43,63,181
Laying out gardens, roads and foot-paths	...		82,759
Construction of Tennis Courts	...		8,021
Servants' Quarters	...	...	43,691
Furniture and Laboratory Benches	...		83,789
Metal and Glass equipment including cost of Operation tables, Sterilizers &c.	...		1,04,460
Apparatus and Instruments including X-Ray and Electro-Therapy apparatus	...		1,27,314
Total approximate cost			Rs. 54,48,105

The College Staff.

DEAN.

Jivraj N. Mehta, M. D. (Lond.), M. R. C. P. (Lond.),
F. C. P. S.

ASSISTANT DEAN.

Capt. R. E. Dadachanji, M. B., B. S.

TEACHING STAFF.

Anatomy.

Professor : R. P. Koppikar, M.B., M.S. (Bom.), F.C.P.S.

Associate Professor : G. M. Kurulkar, M. B., B. S.

^ P. M. Mehta, M. B., B. S.

Demonstrators : N. J. Dodhi, M. B., B. S.

^ D. V. Nadkarni, M. B., B. S.

Physiology.

Professor : S. P. Niyogi, M. Sc., M. B. (Cal.)

Associate Professor : D. S. Ajinkya, L. M. & S.

^ M. B. Udgaonker, M. B., B. S.

Demonstrators : M. T. Mehta, M. B., B. S.

^ A. Fernandes, M. B., B. S.

Pathology and Bacteriology.

Professor : V. R. Khanolkar, M. D. (Lond.), B. Sc. (Lond.)

Associate Professor : F. N. Kapadia, M. D. (Bom.)

Assistant Professor : R. G. Dhayagude, M. D. (Bom.)

I. Fonseca, L. M. & S.

Demonstrators : $\left\{ \begin{array}{l} \text{S. H. Gokhale, M. B., B. S.} \\ \text{S. D. Sahasrabudhye, M. B., B. S.} \end{array} \right.$

Pharmacology and Materia Medica.

Professor : A. S. Paranjpe, M. D. (Heidelberg), D. T. M. (Lond.),
M. B., Ch.B. (Edin.)

Demonstrators : $\left\{ \begin{array}{l} \text{C. C. Merchant, M. B., B. S.} \\ \text{Capt. Jal Dinshaw, L. M. & S.} \end{array} \right.$

Hygiene and Preventive Medicine.

Honorary Lecturer- J. S. Nerurkar, B. Sc., L. M. & S.
(Bom.), D. P. H. (Cantab.)

Medical Jurisprudence and Toxicology.

Honorary Lecturer- A. K. Turner, L. M. & S., F.C.P.S.

Honorary Lecturers in Medicine.

M. D. D. Gilder, M. D. (Lond.), F. R. C. S. (Eng.), B. A.
(Bom.), L. M. & S. (Bom.) F. C. P. S.

P. C. Bharucha, M. D. (Lond.), B. S. (Lond.) F. C. P. S.

A. S. Erulker, M. D. (Lond.), B. S. (Lond.), L. R. C. P.
(Lond.), M. R. C. S. (Eng.), F. C. P. S.

P. T. Patel, M. D. (Lond.), M. R. C. P. (Lond.),
M. R. C. S. (Eng.), D. T. M. & H. (Cantab.)

L. D. Dhawale, B. A. (Allahabad), M. D. (Bom.)

Jivraj N. Mehta, M. D. (Lond.), M. R. C. P. (Lond.),
F. C. P. S.

Tutor in Medicine.

S. G. Vengsarkar, M. B., B. S.

Honorary Lecturers in Surgery.

G. V. Deshmukh, M. D. (Lond.), F. R. C. S. (Eng.)

A. P. Bacha, L. M. & S. (Bom.), M. B., B. S. (Lond.),
F. R. C. S. (Eng.)

R. N. Cooper, M. S. (Lond.), F. R. C. S. (Eng.), F. C. P. S.

T. O. Shah, F. R. C. S. (Eng.), F. C. P. S.

Tutor in Surgery.

K. Y. Rege, M. B., B. S.

Honorary Lecturers in Midwifery and Gynæcology.

N. A. Purandare, M. D. (Bom.), F. C. P. S.

H. D'Sa, M. D. (Bom.), F. C. P. S.

Ex-officio Honorary Lecturer in Midwifery.

M. V. Mehta, O.B.E., B.A., F. R. C. P. (I.), F. C. P. S.

Honorary Lecturers in Ophthalmology.

R. P. Ratnakar, L. M. & S. (Bom.), D. Ch. O. (L'pool.), D. O. (Oxon.), D. O. M. S. (Eng.), F. C. P. S.

G. T. Mody, D. O. (Oxon.), M. R. C. S. (Eng.), L. R. C. P. (Lond.)

Ear, Nose and Throat.

Honorary Lecturer: T. O. Shah, F.R.C.S. (Eng.) F.C.P.S.

Honorary Assistant Lecturer: H. D. Gandhi, M. B., B. S. (Bom.), F. R. C. S. (Edin.)

Honorary Lecturers in Dentistry.

H. G. Moghe, L. M. & S., L. D. S., R. C. S. (Eng.)

D. M. Desai, L. D. S., R. C. S. (Eng.)

Honorary Lecturer in Dermatology and Venereology.

A. C. Rebello, M. B., B. S. (Bom.), D. T. M. & H. (Lond.)

Honorary Lecturer in Radiology and Electro-Therapy.

J. L. Desai, M. B., B. S. (Bom.), D. M. R. E. (Cantab.)

Honorary Lecturer in Anesthetics.

M. N. Desai, M. B., B. S. (Bom.)

The Departments of the College.

DEPARTMENT OF ANATOMY.

Teaching Staff.

Professor—R. P. Koppikar, M.B., M.S. (Bom.), F. C. P. S.

Associate Professor—G. M. Kurulkar, M. B., B. S.

Demonstrators: { P. M. Mehta, M. B., B. S.
N. J. Dodhi, M. B., B. S.
D. V. Nadkarni, M. B., B. S.

The course of instruction comprises lectures and demonstrations in systematic and regional Anatomy and Embryology and dissections of the entire body extending over five terms, under the guidance of the teaching Staff.

There is a well-lighted large dissection-hall, furnished with all the modern requirements of students for carrying on dissections satisfactorily.

The Anatomical Museum is attached to the dissection-hall and contains a fair number of Anatomical specimens, models, diagrams, bones and skeletons.

The students take this course along with Physiology, during the first five terms of their medical studies.

ANATOMY & EMBRYOLOGY.

Text-Books.

- (1) Cunningham's Manual of Practical Anatomy-3 Volumes.
- (2) Gray's Anatomy.
- (3) Keith's Human Embryology and Morphology.

OTHER BOOKS FOR REFERENCE.

- (1) Cunningham's Text Book of Anatomy.
- (2) McMurrich's Human Embryology.

(3) Land Marks and surface markings of the Human body by L. Bathe Rawling.

(4) Surface Anatomy, by Charles Whittaker.

SYLLABUS.

FOR THE FIRST M.B., B.S. EXAMINATION.

Anatomy.

Dissection of the entire body including Osteology, Surface and Surgical Anatomy; Regional Anatomy of Head, Face, Neck, Thorax, Abdomen, and extremities.

Embryology.

Origin of Germ Cells, their structure, maturation and fertilisation, segmentation, Germinal layers, Foetal Membranes and Placenta, early stages in the development of the Embryo and development of organs.

FOR THE FINAL M.B., B.S. EXAMINATION.

A course of lectures and demonstrations in Surgical and Medical Applied Anatomy.

BOOKS FOR REFERENCE.

- (1) Surgical Applied Anatomy—By Treves and Keith.
- (2) Surgical Anatomy Vols. I-III—By John B. Deaver.
- (3) Applied Anatomy—By Davis.
- (4) Surgical Applied Anatomy—By Beesley & Johnston.
- (5) Medical Applied Anatomy—By Johnston.

DEPARTMENT OF PHYSIOLOGY.

Teaching Staff.

Professor—S. P. Niyogi, M. Sc., M. B. (Cal.)

Associate Professor—D. S. Ajinkya, L. M. & S.

Demonstrators.	{	M. B. Udgaonkar, M. B., B. S.
		M. T. Mehta, M. B., B. S.
		A. Fernandez, M. B., B. S.

SYNOPSIS OF THE COURSE OF STUDY.

The first M. B., B. S. Examination course extends over 5 terms during which the students attend lectures, demonstrations and practical classes in Histology, Chemical and Experimental Physiology. The theoretical course includes a series of lectures on General Physiology, Bio-Chemistry and Applied Physics.

As far as possible, the lectures are illustrated by models, diagrams, lantern projections and suitable experiments.

BOOKS RECOMMENDED.

Halliburton's Hand-book of Physiology.

Howell's Text Book of Physiology.

Hill & Flack's Text-book of Physiology.

Roaf's Text-Book of Physiology.

Starling's Principles of Human Physiology.

Stewart's Manual of Physiology.

SYLLABUS.

The general Histology of the animal cell, epithelial and connective tissues, Histology and Physiology of the contractile tissues, Blood and Lymph : the circulation of blood and lymph including the mechanism of circulation of the blood and of the movements of the Lymph.

The innervation and nutrition of the Heart and the innervation of the blood-vessels, Immunity, the Histology of the organs of Respiration and the Physiology of respiration including the chemistry thereof.

The general Chemical composition of the body ; the chemistry of Digestion and Nutrition ; the Physiology of Absorption, Excretion and Metabolism; Animal Heat; Ductless glands ; Internal Secretion ; the structure, development and functions of the Central Nervous system and organs of the Special Senses, Reproduction and Development.

PRACTICAL PHYSIOLOGY.

The practical course extends over four terms. There is a Demonstrator in charge of each Department of Practical Physiology, who assists the students in their practical work under the supervision of the Professor and the Associate Professor. The *fifth term is reserved for revision of the practical work.*

I.—Histology.

BOOKS RECOMMENDED.

Schäfer's Essentials of Histology.

Jordan's Text-book of Histology.

SYLLABUS.

Methods of preparation of the different tissues of the body for histological purposes.

Histology of the Blood, Enumeration of red and white blood Corpuscles, Differential count of the white blood Corpuscles, Crystals of Hæmoglobin, Hardening, Embedding, Section cutting, staining and Mounting, Recognition of sections of the different tissues of the body.

II.—Chemical Physiology & Organic Chemistry.

BOOKS RECOMMENDED.

Milroy's Practical Physiological Chemistry.

Cole's Practical Physiological Chemistry.

Halliburton's Essentials of Chemical Physiology.

Walker's Medical Organic Chemistry.

Syllabus in Bio-Chemistry.

(PRACTICAL WORK AND DEMONSTRATIONS.)

1. Proteins :—

Their definition, classification, general reactions, colour reactions, Heat coagulation of Albumins and Globulins. The properties of Albumins and Globulins, the Chemistry of Egg white, Metaproteins, Albumoses, peptones and Glucoproteins. Reactions of certain Albuminoids *e.g.* Gelatin and Keratin.

2. Nucleoprotein, Nucleins and Nucleic acids (Demonstrations).

3. The preparation and properties of Amino-acids (Demonstrations).

4. The Carbohydrates :—

The Monosaccharides, Disaccharides, Polysaccharides—
Quantitative estimation of carbohydrates. The theory and use of the Polarimeter (Demonstration). Optical activity and the asymmetric Carbon Atom (Demonstration).

5. The Chemistry of some foods :—

Milk, Flour, Bread and Meat (Muscle).

6. The composition of the Digestive Juices and the action of Enzymes :—

Saliva, Ptyalin, Gastric Juice, Pepsin, Rennin, Trypsin (Demonstration). Amylopsin (Demonstration). Autolysis (Demonstration).

7. The coagulation of blood (Demonstration).

8. The red blood Corpuscles and the Blood Pigments :—

The laking of blood. Hæmoglobin and its derivatives. Spectroscopy of blood pigments.

9. The constituents of Bile.

10. The Urine and its constituents :—

The average composition, physical chemistry of urine, the pigments of urine, the inorganic constituents—Urea, Uric acid, Purin Bases other than uric acid, Creatinine and creatine, Ammonia; Hippuric acid.

Certain constituents of abnormal urine, e.g. Albumin and Globulin. Albumoses. Bence-Jones' Protein. Blood pigments, Bile, Glucose, Pentose, Lactose, Acetone bodies, Glycuronic acid.

Urinary sediments.

11. Quantitative Analysis of urine :—

Total nitrogen, Ammonia, Ammonia and Amino acids, Urea, Creatinine and creatine (Demonstration), Uric acid, Glucose, Acetone Bodies, (Demonstration), Chlorides, Phosphates, Sulphates (Demonstration), Albumin, Diastase.

12. The Analysis of Blood :—

Glucose and Urea.

Calcium (Demonstration).

13. Detection of substances of Physiological interest :—

(a) Fluids.

(b) Solids.

Syllabus in Organic Chemistry.**(PRACTICAL WORK.)**

1. Detection of the following elements :—

Carbon, Hydrogen, Nitrogen, Sulphur, Phosphorus, Iron, Halogens.

2. Exercises involving crystallisation, Distillation, Extraction with solvents, and determination of melting points and boiling points.

3. Preparations :—

(a) Preparation and Hydrolysis of an ester and of an amide.

(b) The preparation of a fatty acid from a fat.

(c) Determination of a fatty acid from a fat.

(d) Determination of the molecular weight, by a fatty acid, and by titration.

(e) Preparation of osazones.

(f) Benzoylation.

4. Estimation :—

Nitrogen, by Kjeldahl's method.

Estimation of Carbon.

III. Experimental Physiology.**BOOKS RECOMMENDED.**

Beddard, Edkins & Pembrey's Practical Physiology.

Schäfer's Experimental Physiology.

SYLLABUS.

Muscle nerve preparation, Results of stimulation by different forms of stimuli, Effects of fatigue, load and temperature on muscular contraction, Electrotonus-graphic record of the heart beat, Stannius experiment, Gaskell's Clamp, Properties of heart muscle, Action of heat, cold and drugs on frog's heart, Pulse, Sphygmographic tracings. Blood pressure and methods of measuring it, Vital Capacity,

Spirometer, Laryngoscope, Hæmoglobinometer, Oncometer, Phakoscope, Perimeter, Colour Vision, colour blindness, Ophthalmoscope.

Applied Physics.

BOOKS RECOMMENDED.

1. Burn's Bio-Physics.
2. Findlay's Physical Chemistry.

Syllabus in Bio-Physics.

The Gas Laws :—Boyle's Law. Eay-Lussac's Law, Normal temperature and pressure. Avogadro's Theorem. The general gas equation. Diffusion of gases and the Kinetic Theory. Deviation from Boyle's Law.

The Laws of Solution :—Water as a solvent.—Solubility of gases :—Henry's Law, Solubility of gases in aqueous solutions. Solubility of liquids. Solubility of solids. Electrolytic and non-electrolytic solutions.

Surface Tension :—Determination of surface tension, formation of emulsions. Reversal of emulsions. Surface tension of aqueous solutions. Practical applications. Gibbs-Thomson Theorem.

Viscosity :—Its measurement. Viscosity of the blood.

Diffusion and Osmotic Pressure :—Measurement of Osmotic pressure, Mode of action of semi-permeable membranes, Indirect measurement of Osmotic pressure, Osmotic Pressure in the living organism.

The Behaviour of Electrolytes in Solution :—The Theory of Electrolytic dissociation, Theory of ionisation and electrolysis, Conductivity of solutions, The mobilities of ions. Bio-Chemical action of ions.

The Law of Mass Action :—Balanced and reversible reactions - Law of mass action—Its applications.

Hydriion :—Determination of the concentration of hydriion :—
 1. Electrometric method. 2. Indicator method—
 Buffer solutions—Bacteriological applications.

The Colloidal State :—Crystalloids and Colloids—Suspensoids and emulsoids—The Ultra-microscope—Brownian movement—Formation of gels—Imbibition.

Adsorption :—Adsorption of a solid from a solution—Adsorption saturation—Some examples of adsorption—Electrostatic adsorption—Some Biological applications,

The Permeability of the Cell Membrane:—Changes in this permeability—Nature of the Cell Membrane.

The Compound Microscope and Polarimetry.

Electricity and Magnetism:—Cells—Galvanism and Faradism—Construction and uses of string galvanometer and Capillary electrometer—Du Bois Raymond's induction coil—Rheocord—Pohl's Commutator—Thermoelectricity.

APPLIED PHYSIOLOGY.

(FOR THE FINAL M.B., B.S. STUDENTS.)

BOOKS RECOMMENDED.

Macleod's Physiology & Biochemistry in modern medicine.

Wright's Applied Physiology.

I. The Digestion & Metabolism.

Saliva, Gastric Juice-Test Meal, Pancreatic Juice, Bile, Chologogues, Deglutition, Cardiac-Sphincter, Achalasia of Cardia, Hirschsprung's Disease, Constipation, High intestinal obstruction, Intestinal intoxication, Mechanical and reflex results of Constipation, Absorption, Assimilation limits, Glycosuria, Insulin, Hypoglycæmia, Uric Acid, Gout, Starvation, Nitrogen equilibrium, Essential amino-acids, Vitamine A, B, C, D & E, Calcium and Phosphorus Metabolism, Radiant energy, Osteomalacia, Nutritional Oedema.

II. The Blood, Heart & Circulation.

Reaction of blood, Measurement, Physico-Chemical regulation, Blood, Volume, Hæmorrhage, Coagulation of blood, Intra-vascular Clotting, Post-Operative embolism and thrombosis, Haemophilia, Reticulo-endothelial system, Special tissues of the heart, Human Electrocardiogram, Extra Systole, Heart Block, Heart sounds, Reduplicated sounds, Out-put of the heart, Venous return, Heart-lung preparation. Paroxysmal Tachycardia, Mitral Incompetence, Aortic regurgitation, Capillary pulsation, Circus movements, Auricular flutter, Auricular fibrillation, Digitalis and Quinidine, Ventricular fibrillation, Blood pressure, Hypertension, Hypotension, Venous pressure, Shock, Tissue fluid and lymph, Cardiac Oedema.

III. The Respiration.

Respiratory quotient, Intrathoracic pressure, Basal Metabolism, Apnoea, Cheyne Stoke's breathing, Oxygen transport, Anoxæmia, Cyanosis, Vital Capacity, Orthopnoea, Cardiac Dyspnoea, Tissue Oxidation, Glutathione, Salvarsan, Temperature regulation, Heat Strôke, Fever.

IV. The Nervous System.

Cerebro-spinal fluid, Lumbar puncture, Colloidal Benzoin reaction, Hydrocephalus, Reflex action, Final Common path, Reciprocal innervation, Synapse, Action of Strychnine & Tetanus Toxin, Rabies, Sensory conduction in the Spinal cord, Tabes, Syringomyelia etc. Visual path, Visual reflexes, Decerebrate rigidity, Contractile tone and plastic tone, Course of Pyramidal fibres, Hemiplegia, Immediate and remote effects, Clinical conditions. Corpus Striatum and temperature regulation, Cerebellar Lesions, Chorea, Athetosis, Vestibular apparatus, Postural reflexes, Brocas Centre, Aphasia, Relation of Ductless glands to Involuntary Nervous system, Afferent Neurones of the Involuntary Nervous system, referred Pain, angina Pectoris.

V. The Ductless Glands.

Pituitary body, Diabetes Insipidus, Acromegaly, Gigantism, Hypopituitarism, Thyroid, Myxœdema, Cretinism, Hyperthyroidism, Parathyroid, Tetany—Toxic Theory, Calcium Metabolism, Testis, Rejuvenation experiments, Ovary, Ovarian hormone, Mammary gland, Thymus, Status Thymo-lymphaticus.

VI. The Secretion of Urine.

Kidney (Structure, Blood supply), Composition of Glomerular filtrate, Nature of re-absorption, Urea, Concentration of Salts, Nephritis, Uræmia and its Causation.

DEPARTMENT OF PATHOLOGY & BACTERIOLOGY.

Professor :—V. R. Khanolkar, M.D. (Lond.), B. Sc. (Lond.).

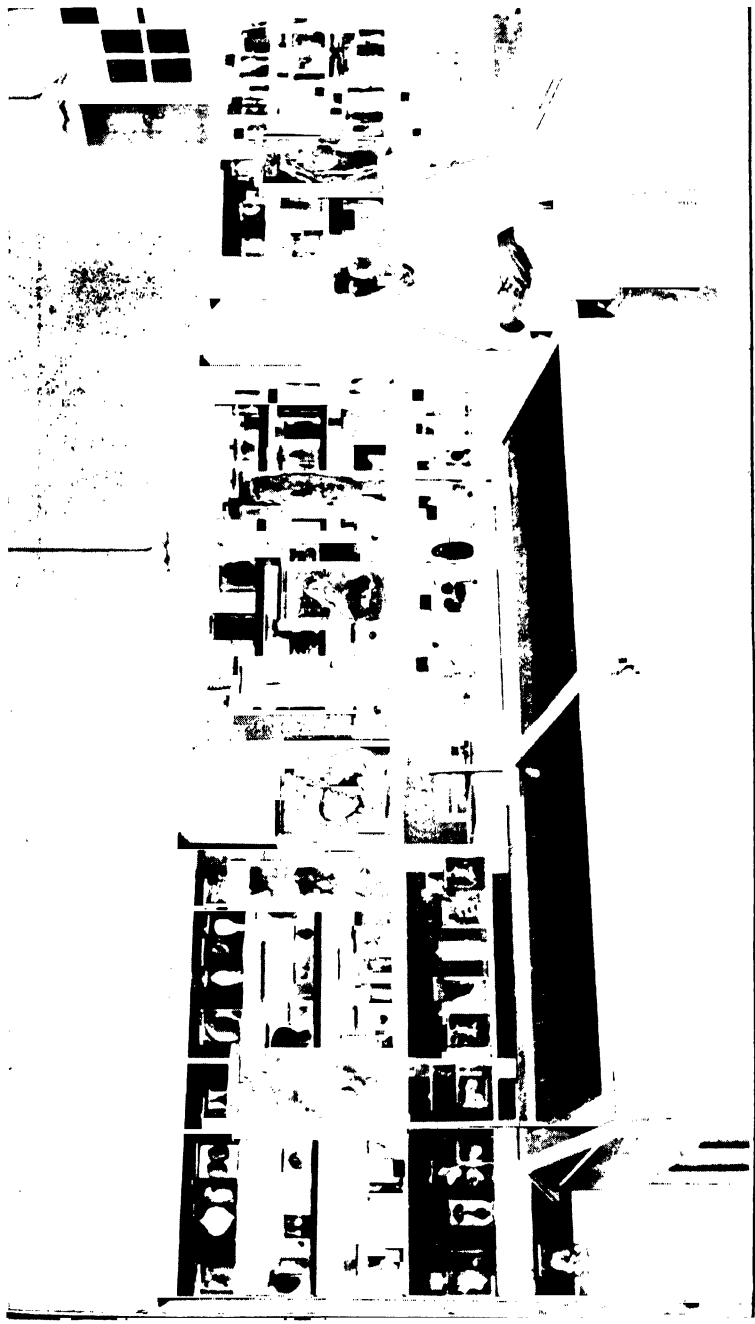
Associate Professor : F. N. Kapadia, M. D. (Bom.).

Asstt. Professor : R. G. Dhayagude, M. D. (Bom.).

Resident Pathologist : R. G. Modak, M. B., B. S.

Demonstrators : { I. Fonseca, L. M. & S.
S. H. Gokhale, M. B., B. S.
S. D. Sahasrabudhye, M. B., B. S.

The Department consists of Laboratories for the teaching of Practical Pathology and Bacteriology and of a Central Clinical Laboratory attached to the King Edward VII Memorial Hospital. The instruction consists of lectures, demonstrations and practical work in the subjects at the College as well as in the Central Clinical Laboratory at the Hospital, besides attendance on Post-mortems. The Professor is also the Pathologist to the King Edward VII Memorial Hospital. A Museum of Pathological Specimens is in the course of formation and already much progress has been made.



PHARMACOLOGY LABORATORY.



BOOKS SUGGESTED FOR READING.

Text-book of Pathology by W. G. Macallum, Third Edition, 1925, (W. B. Saunders Co., Philadelphia & London).

Text-book of Bacteriology by Hiss-Zinsser, 6th Edition 1927, (D. Appleton & Co., New York & London).

DEPARTMENT OF PHARMACOLOGY.

Professor: A. S. Paranjpe, M. D. (Heidelberg), L. R. C. P. & S., etc., M. B., Ch. B. (Edin.), D. T. M. (Lond).

Demonstrators: C. C. Merchant, M. B., B. S. (Bom.).

Capt. Jal Dinshaw, L. M. & S. (Bom.).

The instruction consists of lectures and tutorial classes, of experimental demonstrations, and of practical work by students in prescription writing, Dispensing and Pharmacy. The Experimental Physiology Laboratory is utilised for practical instruction in this subject. There is a Museum of crude drugs and preparations of the Pharmacopœia. An optional course of experimental pharmacology for a limited number of students will be arranged in the pharmacological laboratory which is equipped for the purpose.

- I. Pharmacology—Introduction, History, Definition, Scope, Food, Drugs and Poison: Sources of drugs, classification of drugs, Galenicals, Pharmacopœia, Standards, etc.
- II. Actions (local, general, remote, direct and indirect, secondary), side-actions, secondary and after-effects. Conditions affecting the action of drugs. Protoplasm poisons, elective action. Chemical constitution and pharmacological actions. Absorption, Distribution, Fixation, Excretion and Fate of Drugs.
- III. Pharmacology of the nervous system, with materia medica.
- IV. " " digestive " " " "
- V. " " circulatory " " " "
- VI. " " respiratory " " " "
- VII. " " genital system & " " "
- Smooth muscle
- VIII. " " Skeletal Muscle " " "
- IX. " " excretory systems " " "
- (urine and sweat)
- X. " " metabolism " " "
- XI. " " blood " " "
- XII. " " heat regulation " " "

XIII. Pharmacology of the inflammatory processes.

- A. Drugs and measures exciting inflammation, directly and indirectly, skin irritants and their uses, rubefacients, vesicants, suppurants, corrosives, caustics, necrotics, counter irritation and its uses.
- B. Drugs and measures inhibiting inflammation :—Analgetics ; demulcents ; emollients ; protectives like dusting powders, etc. ; astringents (vegetable and metallic) ; “ remote ” astringents, etc.
- C. Drugs acting on the causes of inflammation (or etiotropic drugs): Antiseptics and disinfectants, their mode of action and standardisation; anthelmintics ; specifics; sera and vaccines, etc.

XIV. Pharmacology as a basis of therapeutics -Pharmacotherapy, Empirical and Rational treatment, etc.

BOOKS SUGGESTED FOR PHARMACOLOGY.

Dixon—Manual of Pharmacology 1925, (Arnold).

Clark—Applied Pharmacology, 2nd Edition, 1927 (Churchill).

Cushny, Gunn & Edmunds—Pharmacology and Therapeutics 1928 (Churchill).

FOR REFERENCE.

Sollmann:—A manual of Pharmacology, 3rd Edition 1927 (Saunders).

Meyer & Gottlieb :—Experimental Pharmacology, 7th Edition translated by Henderson 1926 (Lippincott).

For Materia Medica, (for the study of therapeutic uses of drugs and their preparations), any one of the following :—

Hale-White }
or *Bruce*. } *Materia Medica*, the latest Edition.

One term course of practical pharmacy, prescription writing and dispensing, consisting of :—

Prescriptions-reading, construction and incompatibilities.

Posology of the main pharmacopœial preparations.

Weights and measures, including the Metric system.

Dispensing.

BOOKS.

Sillar's :—Practical materia medica indicates the scope of the work in the practical pharmacy class.

DEPARTMENT OF PREVENTIVE MEDICINE AND HYGIENE.

Honorary Lecturer :—J. S. Nerurkar, B. Sc., L. M. & S.
(Bombay), D. P. H. (Cantab.).

The instruction consists of lectures and demonstrations together with practical instruction in Vaccination. Instruction in Infectious Diseases is given at the two Municipal Isolation Hospitals by the Physician in charge of these Hospitals and in Vaccination by the Superintendent of Vaccination. There is a small laboratory for practical work for a limited number of students doing advanced work.

LECTURES.

A course of lectures is given throughout the Monsoon and Winter terms illustrated by demonstrations on the laboratory models and by visits to places of interest as regards sanitation in the City and the suburbs.

SYLLABUS.

Water :—Sources, collection and storage.

Rainfall, upland surface waters, streams and rivers, springs, wells.

Quantity, Distribution.

Purification of water (a) on a large scale and (b) Domestic purification.

Refuse :—Collection, Removal and Disposal of Excretal and other Refuse.

Removal of domestic dry refuse.

Human excreta, House waste waters, Conservancy systems.

The disposal of slop waters, Water carriage system ; House drainage arrangement Sewers.

Disposal of Sewage. Purification and Utilization of sewage.

Biological Purification of sewage.

Trade effluents.

Air & Ventilation :—Composition of air.

Vitiation by Respiration and Combustion.

Vitiation of air in Industrial occupation.

Offensive trades.

Ventilation around buildings and of inhabited rooms.

Warming & Lighting :—Radiation, Conduction and Convection,
Nature of light and artificial light.

Soils & Building Sites :—Nature of soils, ground water, ground air, choice of a site for a house. "Dwellings," general condition.

Climate & Meteorology :—Meteorological instruments and their use.

Exercise :—Clothing and Personal Hygiene.

Food :—Beverages, Condiments, Diets.

Infection :—Communicable diseases and their prevention, Hospitals.

Maternity & Child Welfare.

School Hygiene.

Disinfection.

Vital Statistics.

BOOKS RECOMMENDED.

Hygiene & Public Health, by Parke & Kenwood.

Sanitation in India, by Dr. Turner.

Hygiene & Public Health, by Das.

Diagrammettes, by Knight.

DEPARTMENT OF MEDICAL JURISPRUDENCE AND TOXICOLOGY.

LECTURER.

Honorary Lecturer : Khan Bahadur A. K. Turner, L. M. & S. (Bombay), F.C.P.S.

A course of lectures and Practical demonstrations in Medical Jurisprudence and Toxicology, but excluding mental diseases, extending over two Terms.

SYLLABUS.

Medical Jurisprudence :—Introduction, Medical evidence, Signs of death, Modes of death, Identity of the living and the dead, Examination of the dead body, Sexual questions, Rape and unnatural offences, Abortion, Infanticide, Legitimacy, Signs of pregnancy and delivery, Modes of death resulting chiefly from Asphyxia, Hanging, Strangulation, Throttling, Suffocation and drowning, Deaths from electricity and from extremes of temperature, Starvation, Death caused by burns and scalds, Mechanical injuries and wounds. Special wounds and injuries,

Toxicology:—Introduction, Effects of poisons, Diagnosis, Analysis, Examination of Viscera, General Treatment of poisoning, Poisoning by (a) Corrosives, (b) Irritants (*e.g.* Salts of Silver, Copper, Lead, Mercury, Arsenic, Antimony, Tin etc.), (c) Non-Metallic elements (*e. g.* Chlorine, Bromine, Iodine) (d) Gases and volatile compounds (*e. g.* Hydrogen Sulphide, Sulphur Dioxide, Carbon-Monoxide, Carbon-Dioxide, Coal Gas, & Sewer Gas), and (e) Cyanogen Compounds (Hydrocyanic acid and Cyanides, Oil of bitter almonds).

The Alcohols, Chloroform, Chloral.

Benzene and its derivatives.

Alkaloids, Glucosides, Fungi, Ptomaines.

Mechanical Irritants.

BOOKS RECOMMENDED.

1. Medical Jurisprudence (*Lyon*, edited by *Waddell*).
 2. Legal Medicine (*Collis Barry*).
 3. Text Book of Medical Jurisprudence & Toxicology (*Rai Bahadur Jaising P. Modi*).
 4. Guide to Practical Chemistry (*Turner*).
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Rules relating to Admission to the College.

1. Candidates, seeking admission, must submit an application to the Dean in writing, on the prescribed printed form, a copy of which will be found in the appendix at the end of this Book.

The form must be submitted by Registered Post, accompanied by the original University Certificates, if possible, together with a *stamped* and addressed envelope for reply, to reach the College Office on or before the 15th May in each year.

2. Admissions are granted, every year, in the month of May to the extent of 60 students only.

3. Precedence is generally given to candidates born in the Bombay Presidency, or of families derived therefrom who have *received their preliminary education* at a College affiliated to the *University of Bombay*.

4. *Eligibility Certificate*:—A student from another University seeking admission to the Bombay University shall apply to the Registrar of that University for a *Certificate of Eligibility* and shall at the same time pay a fee of Rs. 20/-. No student from another University shall be admitted to any institution maintained by or affiliated to the Bombay University, except on production of a Certificate of Eligibility, signed by the Registrar of the Bombay University, in the appended form:—

Certified that.....having passed the Matriculation or School Leaving Certificate Examination of the.....University or having passed theExamination of.....University in the year 19 after completing the prescribed course of instruction at.....College which is a College maintained by or affiliated to that University, is eligible for admission to the.....Class in this University.

5. Candidates must submit, with their application for admission, a certificate showing that they are not suffering from Trachoma, *i. e.* Granular Conjunctivitis. This certificate may be obtained from the Honorary Ophthalmic Surgeons at the King Edward VII Memorial Hospital here, or from any qualified Registered Practitioner, for mofussil candidates.

6. Vacancies will be filled in, on the merits of the candidates, applying for admission, as judged from their marks obtained at the qualifying examination.

7. On or about the 25th May, letters will be sent out, under cover of the stamped envelopes received, informing all successful applicants the result of their applications and notifying the date on which the fees must be paid. A list of the successful candidates will also be posted on the College Notice Board. *Candidates, who have not paid their fees, either personally or by money order received in the College office by the date fixed, will lose their seats which will be allotted to the next most deserving applicant.* When the full number have paid their fees, the unsuccessful applicants will be informed accordingly.

Fees etc. to be paid during the course.

(PARTICULARS)

Rs.

A. Entrance Fee:—

For Students entering for the M.B., B.S. courses ...	25
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B. Term Fees:—

College fees for each term (three terms a year) to be paid in advance at the commencement of each term ...	67
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Fees for Hospital Practice to be paid in advance at the commencement of each term with the regular College fees	16
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Gymkhana fees to be paid in advance at the commencement of each term with the regular fees	4
(Rs. 12 per annum.)	

C. Special Fees:—

Fees for Practical Physiology (to be paid once only, at the beginning of the <i>third term</i> with the regular fees) ...	10
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Fees for courses of instruction in infectious diseases and vaccination in the third year	40
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Fees for qualified medical practitioners attending Hospital practice	15
(per month)	

Fees for casual students attending Hospital practice ...	25
(per term)	

Post Graduate classes in Clinical Pathology and Bacteriology	75
(per term)	

Hostel Fees:—

Room Rent and Electric light charges per term, including Vacation—to be paid at the commencement of each term with the College Fees	28
(Rs. 84 per annum.)	

D. Special Charges:—

Charges for the use of Microscopes—(Physiology Department)	5
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Charges for the use of Microscopes (Pathology and Bacteriology Departments)	5
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Small charges are made for dissection parts, etc.

E. Deposits :—

Deposit for use of lockers	1
Deposit for bones lent to students	...	...	...	...	1
Deposit for Hostel Furniture	...	...	...	...	10

F. Fees for failed students :—

Students, who have failed in University Examination and require to complete one full term at the College before being permitted to sit again for that Examination, will pay, for each term so spent a fee of					
	...	...	...	...	67
and for each term of Hospital Practice	...	...	...	...	16

G. Registration Fees :—

Those of the students, who are not paying fees according to the above scale, for any terms, but are yet desirous of taking advantage of membership of the College and who wish to keep their names on its Rolls, will have to pay a Registration Fee of Rs. 2 per term. If they fail to register their names under this rule, they will be required to pay a fee of five rupees for each term that they have omitted thus to register, but in no case shall the re-admission fee exceed Rs. 25, the original entrance fee.

H. In addition to the above fees, each student will be required to pay as deposit, a sum of Rs. 5, for each practical class taken during the year, from which deduction will be made for breakages etc., and the balance will be refunded to the student at the end of the year.

N.B.—Fees once paid cannot be refunded.

Free Studentships.

(i) A limited number of free studentships will be allowed every year to the extent of 5 per cent. of the total number of students in the College.

(ii) Applications for such free studentships must be submitted by the candidates on the prescribed printed forms, to be obtained from the Dean's office. (For a copy of this form, see the Appendix.)

(iii) The grant of such free studentships will rest with the Dean, and will depend upon the circumstances of the student, his general conduct and assiduity and the progress shown by him in his studies. Absence from, or failure in, a professional or College or University Examination, breach of discipline, neglect of duties or reprehensible conduct, may entail the loss of the free studentships.

Hospital Practice.

Clinical instruction is imparted in the Wards and the Out-patient Departments of the King Edward VII Memorial Hospital which is situated in the immediate vicinity of the College.

Facilities for Obstetric practice and ante-natal instruction are provided in the newly built Nowrosjee Wadia Maternity Hospital, in the close proximity of the College, having an accommodation for 140 beds.

Clinics in Infectious Diseases and instruction in Fever are given at the City Isolation Hospitals, *viz.* Arthur Road and Maratha Hospitals (with an accommodation of 216 and 80 beds, respectively) by the Medical Officer in charge.

Instruction in Mental Diseases is given at the Narottamdas Madhavdas Mental Hospital, Thana, by the Superintendent of that Hospital.

The Superintendent of Vaccination, Bombay Municipality, gives instruction in the theory and practice of Vaccination.

General Instructions to Students.

Attendance.

1. Every student is required to attend punctually at the stated hours for lectures and practical work etc.

2. The class Roll will be taken before each Lecture or Practical Class and also in the Wards.

3. Deficiency in the attendance below the required percentage of class lectures and practicals will entail forfeiture of the certificate of attendance. It shall be understood that the Dean is not bound to supply any information as to the number of attendances of lectures, hospital practice or demonstrations.

4. No certificate of attendance shall be granted to any student unless he has shown satisfactory progress to the authorities responsible for granting the certificates, and until he has paid all dues against him.

5. The Academic Year for Medical Students consists of 3 terms, each of '12 weeks' duration, *viz* :—

(1) the Monsoon Term commencing on the 4th June ;

(2) the Winter Term commencing on the 24th of September ; and

(3) the Spring Term commencing on the 14th of January.

6. Students, in their 1st year, will be detained for duty, in the Out-Patient Department of the associated Hospital, at any time, in the year, and be required to attend even in times of vacation.

7. Students, in the final three years of their course, shall be required to attend on duty in Wards of the associated Hospitals even in times of vacation.

8. The College hours extend on week days from 9 a.m. to 5 p. m. except on Saturday, when the College closes at 2 p.m. On Sundays and public holidays, the College is closed entirely throughout the day.

N. B.—All the above rules are applicable to the Members of the U.T.C. so far as the attendance at Military Duties is concerned.

Class-Room.

1. Students are expected to assemble in the class rooms before the appointed hour, and those coming late, after the Roll Call is called, will be marked absent.

2. On the Teacher entering his class room, the students shall rise and remain standing till they are desired to sit or till the Teacher takes his seat. No student shall be allowed to leave the lecture room without the permission of the Teacher or until the Class is dismissed.

3. Any student misbehaving in the class room shall at once be reported by the Teacher to the Dean, who will take such action of the case as he may deem proper.

4. Students are not permitted to remain in the Lecture Rooms and the Practical Classes, except during the hours they are expected to attend for instruction, etc.

Absence and Leave.

1. Any student, who absents himself without leave (unless such absence be satisfactorily explained), shall be liable to be punished.

2. Students, when ill, are to report the same, in writing, to the Dean, and are to produce certificates from a member of the college staff or from a Registered Medical Practitioner, covering the whole time, during which they have been absent from College and Hospital.

3. Any student desiring Casual, Sick or Special leave of absence shall submit to the Dean, an application for the same through the Professor or the Honorary Lecturer under whom he is working who will add his recommendation or the reverse. On the recommendation of the Professors or the Hon. Lecturers concerned, the leave will be granted by the Dean.

4. In all cases, leave taken will be at the student's own risk so far as the percentage of attendance is concerned, and even medical certificate will not condone a deficiency in attendance.

5. All the above rules are applicable to the Members of the U.T.C. so far as their discipline is concerned.

Books and Apparatus.

1. Every student shall provide himself with all the prescribed text books, instruments, etc., required in connection with his studies.

2. Every student to whom books or other property of the College or Hospital is entrusted, shall be held responsible for their preservation in good condition, and in the event of their being lost or damaged, shall be required to replace them or defray their cost. In case of wilful damage, he shall also be punished, as the Dean may think fit,

Discipline.

1. All students shall have to record, in the Dean's Office, their permanent home address, as well as the residential address in Bombay. Every student is expected to notify any alteration in the same, for the purpose of leave, or otherwise, as occasion may arise.
2. When a student remains absent without leave from the College or its affiliated Hospitals, he shall be ordered to present himself at the Dean's Office, for disciplinary action.
3. Punishments, awarded to students, shall be recorded in the personal record of each student, for future guidance of the Dean, when considering questions of grant of progress and conduct certificates and at the time of filling up minor posts of responsibility in the College or the Hospital.
4. A student, who habitually disregards any of the disciplinary rules, that may have been framed, from time to time, by the College and its affiliated Hospitals, will render himself liable to the punishment of not being signed up by the Dean for the Term during which he has given such trouble. The Dean will continue to defer signing up the student, until he produces from his Professors a satisfactory record of work and discipline in his particular field of work.
5. Students are required to observe order and quiet, at all times in the College and Hospital.
6. No game of any sort is to be played during the hours allotted for lectures or practical classes.
7. Smoking, within the College rooms, in Operation Theatres, in Wards and in Ward corridors, of the Hospital, is strictly prohibited.
8. Students, in possession of Bicycles, should provide them with suitable chains and locks. Bicycles are to be kept in the place provided for that purpose.
9. Students are not to enter the wards before 8 a.m. and after 5 p.m. without permission.
10. Students are prohibited from entering the quarters reserved for the nursing and other staff.

Examinations.

1. The College Terminal Examinations shall be held towards the end of each Term for students reading for the 1st and 2nd M. B., B.S. Examinations, and in the month of December for students reading for the Final M. B., B. S. Examination.
2. The claims to a seat in the Hostel will be judged by the progress shown by the students in the College Terminal or the University Examinations, as the case may be.

3. The results of the College Terminal Examinations will serve as the basis for the recommendation for the continuance or otherwise of the Government and other scholarships and free studentships which are awarded in consideration of the pecuniary status of the students or their guardians.

4. In addition to those scholarships and prizes, which are awarded for general proficiency, a scholarship or prize in any particular subject shall be awarded to that student who shows proficiency in that particular subject, and gets at least 33% marks in the remaining subjects of the examination.

5. Students are not allowed to take into the Examination Hall text-books, notes or manuscripts of any kind.

6. Any student found infringing this rule or having the recourse to unfair means will be expelled from the Examination and the matter shall be reported to the Dean, who will take such further action in the case as he may consider proper.

Rules for Admission to Courses of Post-Graduate Study.

Facilities for post-graduate study are given to the medical graduates, who are desirous of attending such courses. For this purpose, they must make a special application to the Dean, who will accept them, if there is room. Facilities are usually granted for a limited number of graduates for courses in Medicine, Surgery Gynæcology, Ophthalmology, Ear, Nose and Throat, Dermatology and Venereology, Radiology and Pathology and Bacteriology. The fee, for each course, is Rs. 15 per month, payable in advance.

Special Post-Graduate Courses of Instruction in Medicine and Ophthalmology.

M.D. Examination in Medicine.

(i) The Special Post-graduate course of instruction will be organised, once a year, in the Spring Term (Jan. to April, *i.e.* 12 weeks' duration).

(ii) The course will consist of—

(a) Clinical Teaching, (b) Lectures, and (c) Instruction in Pathology.

(iii) Clinical Teaching will consist in allotting cases for study for 1½ hours from 11-45 a.m. to 1-15 p.m. (B. T.) and in holding Demonstrations by the Physicians on the Cases studied, the same afternoon from 2 p.m. to 3-30 p.m. (B. T.).

(iv) The Clinical Classes will be held three times a week by the Physicians, in turn. At least one of the days set apart for clinical teaching will be utilized by each Physician in discussing essays previously set or in considering commentaries previously written out by the students.

(v) A course of 30 Lectures, each of $1\frac{1}{2}$ hours' duration, will also be given by the Physicians, in turn, three times a week at 2 p.m. (B. T.), the course including Lectures on Clinical Medicine and Applied Physiology and also on the History of Medicine, if possible.

(vi) The instruction in Pathology will be given by the Professor of Pathology and Bacteriology with the assistance of the Asstt. Professor of Pathology & Bacteriology in :—

- (a) Morbid Anatomy, in the Post-mortem Room and in the Museum.
- (b) Clinical Pathology and Bacteriology, and
- (c) Pathological Chemistry.

D.O. Examination.

The Special Course will be organised once a year in the Spring Term (Jan. to May).

- (i) A course of about 6 Lectures and Demonstrations in the Anatomy of the eye,
- (ii) a course of about 6 Lectures and Demonstrations in the Physiology of the Eye and in Physiological Optics,
- (iii) a course of about 10 Lectures and Demonstrations in the Pathology and Bacteriology of the Eye,
- (iv) a course of about 10 classes in Ophthalmic Operative Surgery,
- (v) a course of about 10 lectures in the relation of Ophthalmology to general Medicine
and
- (vi) Clinical Demonstration in Ophthalmic Out-patients' Department.

The Summary of Plan of Studies and Terms, etc.

Admissions are granted to students once in a year (in the month of May).

A. *First five terms*:—June to April three terms and from following June to December two terms.

First Examination for the Degrees of M.B., B.S.—shall be held in Bombay on the second Monday in December and a supplementary examination on the first Monday in April.

Subjects :—Anatomy and Physiology.

B. *Second Examination for the Degrees of M.B., B.S.*—This examination shall be held in Bombay on the first Monday in January and the third Monday in April. Before a candidate appears for this Examination he must have attended a Medical College three terms after passing the 1st M.B., B.S. Examination.

Subjects :—Pharmacology, Materia Medica and Practical Pharmacy.

C. *Third Examination for the Degrees of M.B., B.S.*—This Examination (Groups A & B) shall be held in Bombay on the second Monday in December and a supplementary examination on the first Monday in April.

No candidate shall be admitted to this examination unless he has kept in at least nine Terms (3 years) after passing the 1st M.B., B. S. Examination and unless he has passed the 2nd M.B., B.S. Examination.

Groups A & B.

Subjects of Group A are—

1. Medicine.
2. Pathology.
3. Forensic and Preventive Medicine.

Subjects of Group B are—

1. Surgery.
2. Ophthalmology.
3. Midwifery and Gynæcology.

Seth Gordhandas Sunderdas Medical College Library

General Rules.

1. The Library shall be open on week days from 10 A. M. (B. T.) to 5 P. M. (B. T.) excepting on Saturdays when it will be closed at 2 P. M. (B. T.)

2. Hours of Issue :—Books will be issued to students for *reading in the Library only* during the hours of 10 A. M. (B. T.) to 4-30 P. M. (B. T.). After use, they must return the same to the Librarian.

3. A student who applies for a book must sign for it on the slip provided for the purpose before taking it out. A student who takes out the book should personally return it to the Librarian, *the same day*, and see that its return is duly initialled by the Librarian. Otherwise he shall be held responsible for the book.

4. Books shall not be allowed to be removed from the College Library.

5. Books are not transferable, *i.e.* they are only issued for the personal use of the student who takes them out.

6. As the Library is meant for reading and studying only, complete silence must be observed.

7. All books are to be used with care. If a book, while under issue to any one, be damaged or lost, the person in whose name it is issued will be held responsible for the cost of repair to the satisfaction of the Dean or for replacement if the damage cannot be satisfactorily made good or if the book be lost. The term "Book" includes a Magazine, Journal, Periodical, etc.

Rules for the Guidance of the Librarian.

(a) The Librarian shall be in charge of all furniture, books, etc., of the Library.

(b) He shall maintain a complete catalogue of all the Books in the Library. The whole catalogue or supplementary appendices shall be revised from time to time as deemed necessary.

(c) He shall have all periodicals properly bound, as soon as practicable, after completion of each volume.

(d) He shall take a stock of all Books etc., annually in March and shall at once bring to the notice of the Dean all losses of and damages to books, etc.

APPLICATION SLIP FOR ISSUE OF A BOOK TO A STUDENT.

The Seth G. S. M. College Library, Bombay.

Book No.....

Author

Title.....

.....

Edition and Year.....

Date.....

Signature.....

Class or Address.....

.....

Returned

Library Clerk.

APPLICATION SLIP FOR ISSUE OF A BOOK TO A MEMBER
OF THE STAFF.**The Seth G. S. Medical College Library.**

Date.....

Book No.....

Author

Title.....

.....

Signature.....

Address.....

.....

Date of Issue.....

Date of Return.....

Signature of Library Clerk.....

**List of Periodicals at present subscribed to
by the College Library.**

1. Tropical Diseases Bulletin.
2. The British Dental Journal.
3. The Dental Cosmos.
4. The Journal of the American Medical Association.

5. The Quarterly Journal of Medicine.
6. The American Journal of Physiology.
7. The Biochemical Journal.
8. The Journal of Physiology.
9. The American Journal of Anatomy.
10. The Anatomical Record.
11. The Physiological Reviews.
12. The British Journal of Experimental Pathology.
13. The British Journal of Dermatology and Syphilis.
14. Archives of Dermatology and Syphilology.
15. The Journal of Hygiene.
16. The Indian Journal of Medical Research.
17. The Lancet.
18. The Indian Medical Gazette.
19. The Quarterly Cumulative Index Medicus.
20. Revue Francaise de Dermatologie et de Venereologie.
21. Archives of Pathology and Laboratory Medicine.
22. Archives of Internal Medicine.
23. The American Journal of Diseases of Children.
24. The Journal of Laboratory and Clinical Medicine.
25. Annals of Surgery.
26. Archives of Surgery.
27. Surgery—Gynæcology and Obstetrics, with International abstracts.
28. The American Journal of Gynæcology and Obstetrics.
29. The American Journal of Ophthalmology.
30. Archives of Ophthalmology.
31. The Journal of American Pharmaceutical Association.
32. The British Medical Journal.
33. The British Journal of Ophthalmology.
34. The American Journal of Roentgenology and Radium Therapy.
35. The British Journal of Tuberculosis.
36. The Journal of Laryngology and Otology.
37. The British Journal of Surgery.

38. The Quarterly Journal of Experimental Physiology.
39. Archiv für Experimentalle Pathologie und Pharmakologie.
40. Beiträge Zur Pathologischen Anatomie und Zur allgemeinen Pathologie.
41. Virchows Archiv für Pathologische Anatomie und Physiologie und für Klinische Medizin.
42. Deutsche Medizinische Wochenschrift.
43. Archives Internationales de Pharmacodynamie et de Therapie.
44. Presse Medicale.
45. *American Journal of Medical Sciences.*
46. Journal of Bone and Joint Surgery.
47. Zeitschrift für die gesamte Experimentelle Medizin.
48. Biological Abstracts.

College Scholarships, Medals and Prizes.

Entrance Scholarships.

1. Endowment from Mr. Chaturbhuj Gordhandas Sunderdas for a Scholarship to be called "Bai Gangabai Gordhandas Sunderdas Scholarship" of Rs. 15 per mensem, to be awarded to a student entering this College with the highest number of marks at the Inter. Science Examination of the University of Bombay, provided, that no student who has been awarded another Scholarship from other similar endowment with Seth Gordhandas Sunderdas Medical College shall be eligible.

2. Endowment from Mr. Tulsidas H. Parekh for a Scholarship to be called "Bai Bachobai Thakoredas Entrance Scholarship" of Rs. 12 per mensem, to be awarded to a Gujarati Hindu Lady Student of this College who secures the highest number of marks at the Inter. Science Examination of the University of Bombay.

3. Endowment from the Bhavnagar State for a Scholarship to be called "The Bhavnagar State Entrance Scholarship", of Rs. 20 per mensem, to be awarded to a newly admitted student for the First M.B., B.S. Class at this College who gets the highest number of marks at the Inter. Science Examination (Medical Group) of this University, provided that no student who has been awarded another scholarship from other similar Endowment in connection with this College, shall be eligible.

For First Year Students.

Endowment from the "Shirwalkar Memorial Fund" for a Scholarship to be called "The Dr. Shirwalkar General Proficiency Scholarship" of the value of Rs. 15 per mensem, to be awarded annually on the results of the Examination to be held every year in the month of December in Anatomy and Physiology, to a student who secures the highest number of aggregate marks in these subjects and provided the Examiners recommend the award of the said Scholarship to the student concerned.

[Only those students of the Seth G. S. M. College who may not have completed more than two academic terms in the study of Anatomy and Physiology, will be eligible to compete for the Scholarship.]

Scholarships, etc., for 3rd Year Students.

1. Endowment from Mr. Chaturbhuj Gordhandas for a Scholarship to be called "Chaturbhuj Gordhandas Sunderdas Scholarship" of Rs. 15 per mensem, to be awarded to a student of this College who stands highest in Anatomy at the First M.B., B.S. Examination of the University of Bombay, held in December.

2. Endowment from Mr. Lalji Naranji for a Scholarship to be called "Lalji Naranji Scholarship" of Rs. 15 per mensem, to be awarded to a student of this College who stands highest in Physiology in the First M.B., B.S. Examination of the University of Bombay, held in December.

3-10. "The Dr. Shirwalkar Junior Clinical Medicine and Junior Clinical Surgery Gold and Silver Medals" (eight in all) of the approximate value of about Rs. 35 and Rs. 12 respectively, to be awarded, twice a year, as a result of Clinical and Oral Tests to be held in Junior Clinical Medicine and Junior Clinical Surgery at the end of each Term (Spring and Monsoon Terms as per present regulations of the University in its Medical Faculty). The Students of the Seth G. S. M. College who may have attended classes in Junior Clinical Medicine and Junior Clinical Surgery in the particular Term will be eligible to compete for the Medals, the student standing highest in merit, in the respective subject, being awarded the Gold Medal, and the student next in merit, the Silver Medal.

Scholarships etc., for 4th and 5th Year Students.

1. Endowment from Mr. Jehangir Ratanshaw Dadabhoy for a Scholarship of Rs. 13 per mensem, to be called "Ratanshaw Dadabhoy Scholarship" to be awarded to a student of this College who stands highest in Medicine at the College Competitive Examination in the 4th year's course of studies.

2. Endowment from Dr. Mrs. Dossibai Jehangir Ratanshaw Dadabhoy for a Scholarship to be called "Awabai Ratanshaw Dadabhoy Scholarship" of Rs. 13 per mensem, to be awarded to a Lady Student of this College who stands highest in Midwifery at the College Competitive Examination in the 4th year's course of studies.

3. Endowment by the Honorary Staff and whole-time Professors of the College and Hospital for a Scholarship of Rs. 13 per mensem, in commemoration of the late Dr. K. N. Bahadurji and to be named after him and to be awarded to a student of this College who stands highest in Surgery at the College Competitive examination in the 4th year's course of studies.

Gold Medal at the Final M.B., B.S.

The award of a Gold Medal by His Highness Maharana Shri Sir Daulatsingji, K.C.I.E., Thakore Saheb of Limbdi to be named "His Highness Sir Jaswantsingji Limbdi Gold Medal" to a student of this College who stands first among the students of this College at the Final M.B., B.S. Examination.

The grant of the various Scholarships will be dependent on the students' general conduct and assiduity. Absence from, or failure in, a College or University Examination, breach of discipline, neglect of duties or reprehensible conduct, etc., may entail the forfeiture of a Scholarship.

Bombay University Scholarships, Medals and Prizes.

First M.B., B.S. Examination.

1. The Sir James Fergusson Scholarship in Medicine (Rs. 25 per mensem)—Awarded annually to the highest among women candidates—Tenable for one year—Scholar must continue her studies at a Medical College or otherwise with the approval of the Syndicate.

2. The Lady Reay Medical Scholarship—(Rs. 10 per mensem)—Awarded annually to the highest in Physiology and Histology among women candidates—Tenable for one year at a Medical College.

3. The Nusservanji Jehangirji Wadia Scholarship—(Rs. 200 per annum)—Awarded every even year to the highest among Parsi Candidates—Tenable for one year at a Medical College.

4. The Noormahomed Jairajbhoy Peerbhoy Scholarship (when not awarded to a Khoja Mahomedan at the Intermediate Science Examination)—(Rs. 228 per annum)—Awarded to the highest among Khoja Mahomedan Candidates—Tenable for one year at a Medical College.

Final M.B., B.S. Examination.

1. The Charles Morehead Prize—(Rs. 150 in money or books)—Awarded annually to the highest in Clinical Medicine.

2. The Balkrishna Sudamji Prize—(Rs. 150 in money or books)—Awarded annually to the highest in Midwifery and Diseases of Women and Children.

3. The Viceroy's Silver Medal—awarded to the highest among women candidates.

4. The Scholarship of the Medical Women for Indian Fund of 1883—(Rs. 120 per annum)—Awarded annually to the highest among women candidates—Tenable for one year.

5. The Lady Reay Silver Medal—Awarded annually to the highest among women candidates.

6. The Bai Shirinbai Ratansha Parakh Medal and Prize—Awarded to the highest among male candidates in Class I in the year following that in which the Scholarship is not awarded.

7. The Bai Hirabai Pestanji Hormasji Cama Gold Medal—Awarded to the highest among women candidates in Surgery or Midwifery in alternative years (1929 : Midwifery : 1930 : Surgery).

8. The J. C. Lisboa Gold Medal—Awarded annually to the highest in Surgery among men candidates.

9. The Lord Sandhurst Gold Medal—Awarded annually to the highest in Pathology and Bacteriology.

10. The Miss Sokaribai S. Mankar Scholarship—(when not awarded at M.A. Examination) (Rs. 300 per annum)—Awarded to the second highest among female candidates—Tenable for one year.

University Prizes, Fellowships, etc., at M. D. and M. S. Examinations.

The Prince of Wales Gold Medal and the Hansraj Pragji Thackersey Prince of Wales Fellowship

(Fellowship worth Rs. 1,200 per annum)—Assigned by the Syndicate in rotation to the M. D. (Medicine), M. S. and M. D. (Midwifery), M. D. (Pathology) Examinations; 1928, M. D. (Medicine); 1929, M. S.; 1930, M. D. (Pathology); 1931, M. D. (Midwifery) and awarded to the candidate who passes the examination with distinction in the branch notified for the year and is reported by the Examiners as most deserving of the Medal.—Failing a candidate who has passed with distinction in the Branch notified for the year, the Syndicate is authorised to award the Medal and Fellowship to a candidate who passes with distinction in some other Branch, and failing such a candidate, to the candidate who passes without distinction in the Branch notified for the year and who is reported by the Examiners as most deserving.—Fellow to deliver a course of lectures on a medical subject to be selected by him and approved by Syndicate.—Fellowship tenable for one year.

The Dossabhai Hormusji Cama Prize—(Rs. 800 of which Rs. 500 must be taken in books and the balance in cash or books)—Biennial—For the best essay on some prescribed Medical subject by a Graduate in Medicine.

The Ratanji Ranchhodji Desai Research Fellowship (Rs. 550 per annum)—Biennial—Awarded every *even* year. Open to competition by members of the Staff of the Seth Gordhandas Sunderdas Medical College, Bombay, and by all Graduates in Medicine of *this* University. The Fellow must, as a general rule, carry out research work in Tuberculosis at the Seth Gordhandas Sunderdas Medical College and submit his report at the end of each year.—Tenable for two years.—Extension of the period of tenure not exceeding two years, may be granted at the discretion of the Syndicate.

Hospitals associated with the College.

The King Edward VII Memorial Hospital.

The Hospital is designed on the modern pavilion system. A straight corridor, 710 feet long, runs from North to South with the various buildings, branching off at right angles. In the centre is the Administration Block with the Kitchen and Stores behind, the Quarters of the Resident Medical Officers, and the Jan Mohamed Operation Theatre on the first floor. On each of the southern and northern sides of the Administration Block are situated two ward pavilions, the ground floor accommodating beds for medical cases and the upper floor for surgical cases. Each pavilion contains 52 beds, with facilities for holding 12 extra beds in the Ward verandahs without causing any congestion. The Out-patients' Block is situated on the North. Another Ward Pavilion for gynæcological cases and children and the Ophthalmic Hospital are on the East, so also the Casualty Ward and the Main Operation Theatre. At the South-west corner of the site is situated the Nurses' Home, a three storeyed building, which is connected with the hospital by a covered way. It provides accommodation for about 66 nurses, and the Matron. A Bungalow, adjacent to the Nurses' Home, serves as an annexture accommodating 17 Nurses. On the Eastern boundary of the site are located the Pathological Institute and Morgue connected with the Main Building, by a covered way. An Isolation Block is, also, provided. Venereal Wards with 10 beds for male patients and 6 beds for female patients are planned to be constructed over the Isolation Block. On their completion the normal accommodation in the Hospital will be for 350 beds. Besides the Main Buildings, quarters are provided for the Resident Medical and Non-Medical Staff.

The Hospital has a Casualty Department which is kept open day and night. The Out-Patients' Block, with separate entrances for men and women, contains the following Departments:—

1. Medical.
2. Surgical.
3. Gynæcological.
4. Ophthalmic.
5. Ear, Nose and Throat.
6. Dental.
7. Skin and Venereal.
8. X-Ray & Electro-therapeutic.

K. E. M. HOSPITAL
BOMBAY



Hospital Staff.

Dean.

Jivraj N. Mehta, M. D. (Lond.), M. R. C. P. (Lond.),
F. C. P. S., L. M. & S. (Bom.).

Assistant Dean.

Capt. R. E. Dadachanji, M.B., B.S.

Honorary Physicians.

M. D. D. Gilder, M.D. (Lond.) ; F. R. C. S. (Eng.) ; B.A.
(Bom.), L. M. & S. (Bom.), F. C. P. S.

P. C. Bharucha, M.D. (Lond.), B.S. (Lond.), F. C. P. S.

A. S. Erulkar, M.D. (Lond.), B.S. (Lond.), L. R. C. P. (Lond.),
M. R. C. S. (Eng.), F. C. P. S.

P. T. Patel, M. D. (Lond.), M. R. C. P. (Lond.), L. M. & S.
(Bom.) ; D. T. M. & H. (Cantab.).

L. D. Dhawale, B.A. (Allahabad), M.D. (Bom.).

Jivraj N. Mehta, M.D. (Lond.), M.R.C.P. (Lond.), L. M. & S.
(Bom.), F. C. P. S.

Honorary Surgeons.

G. V. Deshmukh, M.D. (Lond.), F.R.C.S. (Eng.), L. M. & S.
(Bom.).

A. P. Bacha, L. M. & S. (Bom.), M. B., B. S. (Lond.),
F.R.C.S. (Eng.).

R. N. Cooper, M.S. (Lond.), F.R.C.S. (Eng.), F.C.P.S.

T. O. Shah, F.R.C.S. (Eng.), F.C.P.S., L.M. & S. (Bom.).

Honorary Gynaecologists.

N. A. Purandare, M.D. (Bom.), F.C.P.S.,

H. D'Sa, M.D. (Bom.), F.C.P.S.

Honorary Ophthalmic Surgeons.

R. P. Ratnakar, L. M. & S. (Bom.), D. Ch. O. (L'Pool), D. O.
(Oxon.), D.O.M.S. (Eng.), F.C.P.S.

G. T. Mody, D. O. (Oxon.), M.R.C.S. (Eng.), L.R.C.P.
(Lond.), M.B., B.S. (Bom.).

Honorary Aural Surgeon.

T. O. Shah, F.R.C.S. (Eng.), F.C.P.S., L. M. & S. (Bom.).

Honorary Assistant Aural Surgeon.

H. D. Gandhi, M.B., B.S. (Bom.), F.R.C.S. (Edin.).

Dental Surgeons.

H. G. Moghe, L. M. & S. (Bom.), L.D.S., R.C.S. (Eng.).

D. M. Desai, L.D.S., R.C.S. (Eng.).

Honorary Dermatologist.

A. C. Rebello, M.B., B.S. (Bom.), D.T.M. & H. (Lond.).

Honorary Radiologist.

J. L. Desai, M.B., B.S. (Bom.), D.M.R.E. (Cantab.).

Honorary Anæsthetist.

M. N. Desai, M.B., B.S. (Bom.).

The following Resident and non-Resident Medical Staff also assist the Honorary Medical Staff in teaching work, etc.

- | | | |
|-----|------------------------------|----------------------------------|
| 1. | R. P. Mehta, M.B., B.S. | ... Resident Assistant Surgeon. |
| 2. | P. C. Daruwalla, M.D. (Bom.) | Resident Assistant Gynæcologist. |
| 3. | S. G. Vengsarkar, M.B., B.S. | ... Medical Tutor. |
| 4. | K. Y. Rege, ,, | ... Surgical Tutor. |
| 5. | R. G. Modak, ,, | ... Resident Pathologist. |
| 6. | D. Abraham, ,, | ... Medical Registrar. |
| 7. | K. G. Munsiff, ,, | ... Surgical Registrar. |
| 8. | N. R. Desai, ,, | ... Casualty Officer. |
| 9. | A. Hameed, ,, | ... ,, |
| 10. | Z. J. Joseph, ,, | ... X-ray Med. Asstt. |
| 11. | N. V. Patel, ,, | ... House Physician. |
| 12. | J. P. Bhumgara, ,, | ... ,, |
| 13. | J. C. D'Souza, ,, | ... ,, |
| 14. | P. H. Talathi, ,, | ... ,, |
| 15. | V. V. Jadhav, ,, | ... ,, |
| 16. | N. H. Merchant, ,, | ... ,, |

17.	D. S. Ghadially, M.B., B.S.	...	House Surgeon.
18.	N. R. Gheesta, "	...	"
19.	C. S. Patel, "	...	"
20.	G. V. Barve, "	...	"
21.	A. V. Baliga, L.C.P.S.	...	Resident Anæsthetist.
22.	A. F. Merchant, M.B., B.S.	...	Gynæc. H. S.
23.	B. V. Aroskar, "	...	"
24.	C. B. Dhurandhar "	...	Ophthal. House Surgeon.
25.	H. T. Topiwalla, "	...	Ophthal. Externe.
26.	M. K. Sathe, "	...	"
27.	R. D. Kelkar "	...	Aural Externe.
28.	T. N. Jalandhawalla "	...	Skin "
29.	S. M. Captain, "	...	Venereal Externe.

The following appointments of short duration at the College and Hospital are open, when vacant, to the Graduates of the Seth Gordhandas Sunderdas Medical College.

1. Medical Tutor.	6. House Physicians.
1. Surgical Tutor.	6. House Surgeons.
1. Medical Registrar.	2. Gynæcological House Surgeons.
1. Surgical Registrar.	1. Ophthalmic House Surgeon.
1. Gynæcological Registrar.	2. Ophthalmic Externes.
1. Resident Pathologist.	1. Aural Externe.
1. Medical Asstt. X-ray Dept.	1. Skin Externe.
1. Resident Anæsthetist.	1. Venereal Externe.
2. Casualty Officers.	1. Skin and Venereal Externe (unpaid).

Officers before they join duty as Resident Officers, or Externes put in a period of two to three months' appointment as Incoming Officers and get an insight into their duties.

The preceding Resident and Non-Resident appointments at the Hospital are tenable, excepting in the case of the first eight which can be held for a period of three years, on annual re-appointment, for a period of six months only, and the holders thereof are eligible for transfer from one appointment to another on approved service.

There are also 12 Demonstratorships distributed as under, in the various departments. These appointments are tenable for a period of five years, on annual re-appointment on approved service.

3 Anatomy.

3 Physiology.

2 Pharmacology and Materia Medica.

3 Pathology and Bacteriology.

1 Hygiene.

Nowrosji Wadia Maternity Hospital, Bombay.

This Hospital was started to give facilities for the confinement of women in the mill area of Bombay and also to give adequate training in midwifery to medical students and nurses. It was first inaugurated by Sir Ness Wadia, who financed the scheme till the end of 1926 when the present Hospital was put on a permanent basis with the co-operation of the Government of Bombay and of the Bombay Municipal Corporation. It is situated just opposite the Seth Gordhandas Sunderdas Medical College. The cost of the land, building and equipment comes to about 16 lakhs of rupees, Sir Ness Wadia having contributed 6 lakhs and the Government and the Municipal Corporation 5 lakhs, each.

There is an endowment fund of Sir Nusserwanji Nowrosjee Wadia bearing an interest of Rs. 60,000 a year to which is added a contribution of Rs. 35,000 a year, each, by Government and Municipality. The total bed accommodation is for 140 beds.

This Hospital gives facilities to Students of Seth Gordhandas Sunderdas Medical College and of Grant Medical College for completing the 20 cases of labour as per University Regulations, and is affiliated to the University of Bombay for the M.B., B.S. Degrees. Later on it is hoped to give post-graduate training to students intending to take M.D. in Midwifery. [Three Resident accoucheurs (two men, and one lady) are appointed for periods of six months. These posts are approved Hospital appointments for M. D. (Midwifery).]

Honorary Principal Medical Officer.

M. V. Mehta, O.B.E., B.A., F.R.C.P.I., F.C.P.S.

Honorary Visiting Obstetricians.

N. A. Purandare, M.D. (Bom.), F.C.P.S.

H. D'Sa, M.D. (Bom.), F.C.P.S.

M. V. Mehta, O.B.E., B.A., F.R.C.P.I., F.C.P.S.

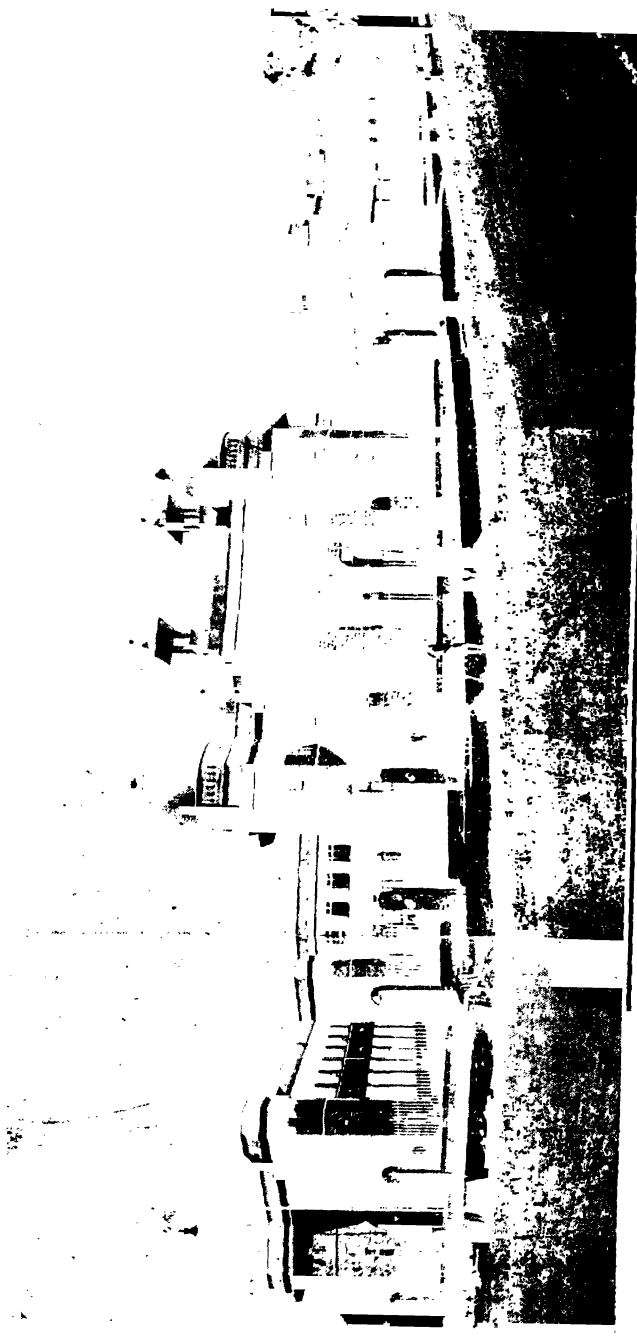
Resident Medical Officers.

D. R. Desai, L.M. & S.

B. R. Patharkar, M.S.

Clinical Pathologist.

B. V. Bhangle, M.B., B.S.



NOWROSJI WADIA MATERNITY HOSPITAL

The City Isolations Hospitals—Arthur Road and Maratha Hospitals.

Medical Superintendent.

P. T. Patel, M.D., M. R. C. P. (Lond.), D. T. M. & H. (Cantab.), L. M. & S. (Bom.), F. C. P. S.

Narottamdas Madhavdas Mental Hospital, Thana.

The building for the Mental Hospital was constructed in 1901-02 at a cost of Rs. 3,98,790. It is named after the late Seth Narottamdas Madhavdas according to the wishes of the Donor, his widow, Bai Putalabai who with her sons contributed to the extent of Rs. 1,00,000 towards the cost of the buildings. The foundation stone was laid by His Excellency Lord Harris, the then Governor of Bombay, on the 11th of February 1895. Additions are made from time to time according to requirements and some more quarters and wards were added in 1924-25 at a cost of Rs. 73,033. The present accommodation is for 249 male and 89 female patients in 12 and 7 wards respectively. There are separate wards for criminal and non-criminal patients.

The Hospital has an infirmary attached to it for the treatment of patients when they become physically ill. Since 29th November 1927, observation cases are admitted. The hospital has been utilised for clinical teaching of students of Grant Medical College and Seth Gordhandas Sunderdas Medical College (Government Resolution, General Department, No. 681, dated 30th September 1926 and 7th July 1928).

Superintendent.

Dr. Y. N. Kadam, M.P.C. (Med.), L.R.C.P.

Central Vaccination Depot, Parel.

Superintendent.

Dr. K. N. Choksey, M.B. B.S., D.P.H.

The Results of the Intermediate M.B., B.S. Examination.

December 1926.

The College sent for the 1st time 35 students for the Intermediate M.B., B.S. Examination of Bombay University, out of whom 27 came out successful, including one Lady student, who, besides securing a first class, obtained *two scholarships* :—

1. The Sir James Fergusson Scholarship in Medicine, and
2. The Lady Reay Silver Medical Scholarship.

The names of the successful candidates have been shown below :—

1. Banerji, Rajendra Nath.
2. Bharucha, Homi R.
3. Bhatwadekar, Vishwanath Rajeshwar.
4. *Chitale, Kamala Kashinathrao.*
5. Deshmukh, Purushottam Vithalrao.
6. Doshi, Jaisukhlal Prabhashankar.
7. Doshi, Umedchand Valjee.
8. Dwivedi, Ramnath Prasad.
9. Khanna, Gopal Narain.
10. Kowshik, Ganesh Narsing.
11. *Mahajan, Savitri Vithalrao.*
12. Mukhopadhyay, Gannedra Krishna.
13. Marathe, Hari Laxman.
14. *Nadkarni, Mathura Ramrao.*
15. Narale, Krishna Hari.
16. Panday, Narayan Raghao.
17. Pandya, Manishankar Morarji.
18. Pinto, Dominic Canute Policarpo.
19. Satija, Ram Krishna.
20. Satija, Sham Singh.

21. Shrivastava, Bansilal.
22. Sonwaney, Trimbak Balwant.
23. Suvarna, Rangappa N.
24. Syal, Naranjan Dass.
25. Trilokekar, Bhanu Narayan.
26. Vaish, Ram Prakashji.
27. Ved, Prakash.

April 1927.

The College sent for the second time 9 students for the Intermediate M.B., B.S. Examination of Bombay University, out of whom 6 came out successful :—

1. Apte, Govind Sadashiv.
2. Donde, Yeshwant Moreshwar.
3. Kane, Gopal Waman.
4. Khare, Hari Trimbak.
5. Nadkarni, Rameschandra Manjanath.
6. Purandare, Janardan Moreshwar.

December 1927.

The College sent for the third time 47 Students for the Intermediate M.B., B.S. Examination of Bombay University, out of whom 26 came out successful :—

1. Balwant Singh.
2. Basu, Sudhir Kumar.
3. Bhargava, Shri Krishna.
4. Bhatt, Ranjitray Jamiatram.
5. D'Melo, Pascoal Salvador.
6. D'Sa, Arthur Ernest.
7. Gaikwad, Jaiwant Vithalrao.
8. Gandhi, Bhukhandas Bhagvandas.
9. Gandhi, Ratilal Chunilal.
10. Ghai, Faqir Chand.
11. Godbole, Govind Balvant.
12. Joshi, Ganesh Vishwanath.

13. Kawley, Shridhar Narayan.
14. Kelkar, Narhar Ganesh.
15. Markan, Ramesh Chandra.
16. Mathur, Jwala Sahai.
17. Mehta, Natvarlal Jekisondas.
18. Mhaskar, Trimbak Vishnu.
19. Misra, Anand Swarup.
20. Ojha, Onkar Nath.
21. Phadke, Narayan Bhaskar.
22. Plaha, Jagan Nath.
23. Sen, Hemendra Nath.
24. Syed, Ahmaduddin.
25. Vinchure, Bhaskar Krishna.
26. Wagle, Pandurang Ramrao.

April 1928.

The College sent for the fourth time 27 students for the Intermediate M.B., B.S. Examination of Bombay University, out of whom 20 came out successful, including one lady student :—

1. Banerji, Anil Kumar.
2. Braganza, Armando Santos.
3. Desai, Damodar Vithal.
4. D'Souza, Peter Celestine.
5. Fernandes, Miguel Vicente.
6. Henriques, Roldao.
7. Kale, Waman Trimbak.
8. Khadilkar, Vinayak Narayan.
9. Mehra, Mohan Lal.
10. Mohammed Mohi Uddin.
11. Mukerjee, Jitendra Nath.
12. Mukerjee, Mathuresh Chandra.
13. Noronha, Antonio Benedito Cancio da Piedade.
14. *Nunes, Hilda.*
15. Panat, Krishnaji Shankar.
16. Pande, Waman Daji.
17. Paralkar, Anandrao Bhagvantrao.
18. Shanbhag, Madhav Anant.
19. Suri, Dev Raj.
20. Upamanyu, Lakshman Krishnaprasad.

December 1928.

Out of 42 students sent up by this College for the Inter. M.B., B.S. Examination of the Bombay University in December 1928, the following 23 students have been declared successful :—

First Class.

Jayawant, R. D.

Second Class.

Aguiar, J. F.	Athale, L. H.
Banerji, N. M.	Bapat, S. V.
Deo, M. S.	Desai, C. K.
<i>Desai, Shanta D.</i>	Dhacka, J. A.
Gandhi, R. A.	Joshi, S. G.
Kane, V. V.	Karmarker, R. H.
Karmarkar, V. A.	Kazi, I. K.
Koppikar, P. B.	Mandalia, N. C.
Modi, R. K.	Munshi, H. T.
Raghavan, P.	Rohatgi, G.
Rohatgi, R.	Trivedi, V. T.

Results of the M.B., B.S. (Part I) Examination

September 1928.

The College sent 30 students for the M. B., B. S. (Part I) Examination of the Bombay University, out of whom 12 came out successful including 1 lady student.

1. Banerji, Rajendranath.
2. Bhatwadekar, Vishwanath Rajeshwar.
3. Doshi, Umedchand Valji.
4. Kanitkar, Shankar Vaman.
5. Khanna, Gopal Narayan.
6. *Nadkarni, Mathura Ramrao.*
7. Panday, Narayan Raghav.
8. Pandya, Manishankar Morarji.
9. Patwardhan, Vinayak Trimbak.
10. Satija, Sham Singh.
11. Vaish, Ram Prakash.
12. Ved, Prakash.

Results of the M.D. Examination.

June 1927.

Mr. Ramchandra Govind Dhayagude, M.B., B.S., passed with distinction in Branch II, (*i.e.*, Pathology) and was awarded the Prince of Wales Gold Medal and the "Hansraj Pragji Thackersey Prince of Wales Fellowship" worth Rs. 1,200 per annum.

June 1928.

The following candidates passed the M. D. Examination in the respective Branches shown against their names :—

1. Mahadev Jagannath ... Branch II (*i.e.* Pathology)
Parmanand.
2. Piroja Cooverji Daroowalla Branch III (*i.e.* Midwifery
and Gynæcology).

Results of the M.S. Examination.

June 1928.

Laxman Mukund Bongale.

New Regulations for the Degrees of M.B., B.S.

(Passed by the Senate on 23rd June and sanctioned by Government on the 2nd October 1928.)

GENERAL.

1. A candidate for the degrees of M.B., B.S. must have passed the Preliminary Scientific Examination of this University or the Intermediate Examination in Science of this University in the group of Physics, Chemistry and Biology or an equivalent examination of another recognised University before being eligible for admission to a Medical College affiliated to the University.

2. The academic year for medical students shall consist of three terms, each of twelve weeks' duration, *viz.*

(1) The Monsoon term commencing on the 4th June and ending on the 26th August.

(2) The Winter term commencing on the 24th September and ending on the 16th December.

(3) The Spring term commencing on the 14th January and ending on the 7th April.

3. Candidates for the degrees of M.B., B.S. shall be required to pass three examinations, *viz.*—

(i) First M.B., B.S. Examination—

(Anatomy & Physiology.)

(ii) Second M.B., B.S. Examination—

(Pharmacology & Materia Medica.)

(iii) Third M.B., B.S. Examination—

GROUPS A AND B.

Subjects of Group A are—

1. Medicine.

2. Pathology.

3. Forensic & Preventive Medicine.

Subjects of Group B are—

1. Surgery.

2. Ophthalmology.

3. Midwifery & Gynæcology.

All examinations shall be held twice a year.

4. Only those candidates shall be eligible for University awards, who pass at the main session of the First, Second and Third M.B., B.S. Examination.

THE FIRST EXAMINATION OF THE DEGREES OF M.B., B.S.

(December 1929 and subsequent years.)

5. The First Examination for the degrees of M.B., B.S. shall be held in Bombay commencing on the second Monday in December. A supplementary examination shall be held, commencing on the first Monday in April.

6. Candidates before presenting themselves for the First Examination shall produce certificates of having completely attended the following courses to the satisfaction of the Dean or Head of the College :—

1. *In Human Anatomy and Embryology—*

- (a) A complete course of lectures and demonstrations on Human Anatomy and Embryology, with special reference to their application to Medicine and Surgery, extending over five terms.
- (b) A course of dissections of the entire body extending over five terms. In this course the student must have dissected the whole body to the satisfaction of his teacher.

2. *In Physiology—*

- (a) A complete course of lectures and demonstrations on Physiology extending over five terms.
- (b) A practical course of Histology, Experimental Physiology and Physiological Chemistry extending over three terms.

3. *In Organic Chemistry and Bio-Physics—*

A course of lectures and practical work extending over two terms.

7. Candidates shall apply to the Registrar, three weeks before the commencement of the examination.

8. Each candidate shall pay to the Registrar, through the Head of his College, or otherwise as the Syndicate may direct, a fee of Rs. 30 for which a receipt shall be given.

9. Failure to pass the examination will not debar the candidate from appearing at any subsequent examination on the submission of a new application, the payment of a fresh fee and the

production of a certificate showing that he has, during the interval between the declaration of his failure and subsequent re-appearance at the examination, pursued a further course of study in the subjects of the examination to the satisfaction of the Dean or Head of a Medical College recognised by the University.

10. The subjects of the First M.B., B.S. Examination are—

(1) Anatomy including Embryology.

(2) (a) Physiology including Histology, Chemical and Experimental Physiology.

(b) Organic Chemistry and Bio-Physics.

11. The examination shall consist of two written papers and a practical or an oral test or both in each subject.

12. To pass the examination the candidate shall obtain in each subject 50 per cent. of the full marks in the practical test, 40 per cent. in the written test and 50 per cent. in the written and practical tests taken together. Those of the successful candidates who obtain 66 per cent. of the total marks obtainable shall be placed in the First Class.

13. A candidate who obtains 50 per cent. of the full marks in the practical test in either Anatomy or Physiology, 40 per cent. in the written test and 60 per cent. in the written and practical tests taken together, may, at his option, be excused from appearing in that subject at a subsequent examination. But he shall not be declared to have passed the whole examination until he has passed in both the subjects of the examination. Candidates passing the examination in this manner in compartments shall not be eligible for a class.

14. As soon as practicable after the conclusion of the examination, the examiners shall publish a list of successful candidates in two classes, *viz.*, a First Class arranged in order of merit and a Second Class arranged in alphabetical order. The subject or subjects in which any successful candidate may have distinguished himself will be shown on the list. In order to obtain distinction in any subject the student should pass the examination at the first attempt in all the subjects, and obtain 75 per cent. of the full marks in the subjects.

15. Only those candidates who have passed the whole examination at one time will be eligible for marks of distinction or for any prize or scholarship to be awarded at the examination.

16. A certificate will be given to those who pass the examination.

THE SECOND EXAMINATION FOR THE DEGREES OF M.B., B.S.

(April 1929 and subsequent years.)

17. The Second Examination for the degrees of M.B., B.S. shall be held in Bombay commencing on the first Monday in January and the third Monday in April.

18. No candidate shall be admitted to the Second M.B., B.S. Examination unless he has passed the First M.B., B.S. Examination and shall have been engaged in medical studies at a Medical College recognized by this University and completed satisfactorily at least three terms after passing that examination.

19. Before admission to the Second Examination each candidate shall present certificates of satisfactory attendance on the following courses to the satisfaction of the Dean or Head of the College :—

In Pharmacology and Materia Medica—

A course of lectures and demonstrations extending over two terms.

In Practical Pharmacy—

A course of demonstrations and practical work extending over one term.

20. Candidates shall apply to the Registrar three weeks before the commencement of the examination.

21. Each candidate shall pay to the Registrar, through the Head of his College, or otherwise, as the Syndicate may direct, a fee of Rs. 15. A receipt shall be given.

22. Candidates shall be examined in the following subjects :—
Pharmacology, Materia Medica and Practical Pharmacy.

23. The examination shall consist of a written paper and a practical or an oral test or both.

24. Failure to pass the examination will not debar the candidate from appearing at any subsequent Examination on the submission of a new application the payment, of a fresh fee and the production of a certificate showing that he has, during the interval between the declaration of his failure and subsequent re-appearance at the examination, pursued a further course of study in the subject of the examination to the satisfaction of the Dean or Head of a Medical College recognised by the University.

25. To pass the examination the candidate shall obtain 50 per cent. of the full marks in the practical or oral test, 40 per cent. in the written test and 50 per cent. in the written and oral taken together.

26. As soon as practicable after the conclusion of the examination, the Examiners shall publish a list of successful candidates in alphabetical order. A special mark will be placed against the names of those candidates who have distinguished themselves in the examination. In order to obtain distinction, the student should pass the examination at the first attempt and obtain 75 per cent. of the full marks in the subject.

27. A certificate will be given to those who pass the examination.

THE THIRD EXAMINATION FOR THE DEGREES OF M.B., B.S.

(April 1931 and subsequent years.)

28. The Third Examination for the degrees of M.B., B.S. (Groups A and B) shall be held in Bombay, commencing on the second Monday in December. A supplementary examination shall be held, commencing on the first Monday in April.

29. No candidate shall be admitted to the Third M.B., B.S. Examination unless he has passed the Second M.B., B.S. Examination and shall have been engaged in medical studies at a Medical College recognised by this University for at least one clear term after passing the Second M.B., B.S. Examination and for at least nine terms (three years) after passing the First M.B., B.S. Examination.

30. Before admission to the Third M.B., B.S. Examination, each candidate shall present certificates of having satisfactorily attended the following courses to the satisfaction of the Dean or the Head of the College.

1. In Medicine—

(a) A course of lectures and clinical demonstrations in Medicine including Diseases of Children and Therapeutics extending over six terms.

(b) An appointment of six months as Clinical Clerk in the medical wards of a recognized hospital.

- (c) An appointment for three months as Clinical Clerk in the medical out-patient department of a recognised hospital.

The course of instruction in Medicine shall include the practice of Clinical Pathology and laboratory methods and the application of Physiology and Anatomy to the investigation of disease.

- (d) Every candidate shall also present evidence of having received instruction in the following subjects :—

- (i) Fevers. (This course must be taken at a recognized Infectious Diseases Hospital for a period of three months.)
- (ii) Tuberculosis.
- (iii) Mental Diseases. (This course must be taken at a recognized Mental Hospital and shall consist of not less than 10 lectures and demonstrations.)
- (iv) Dermatology.
- (v) Practical instruction in Vaccination from one of the authorised Vaccinators.

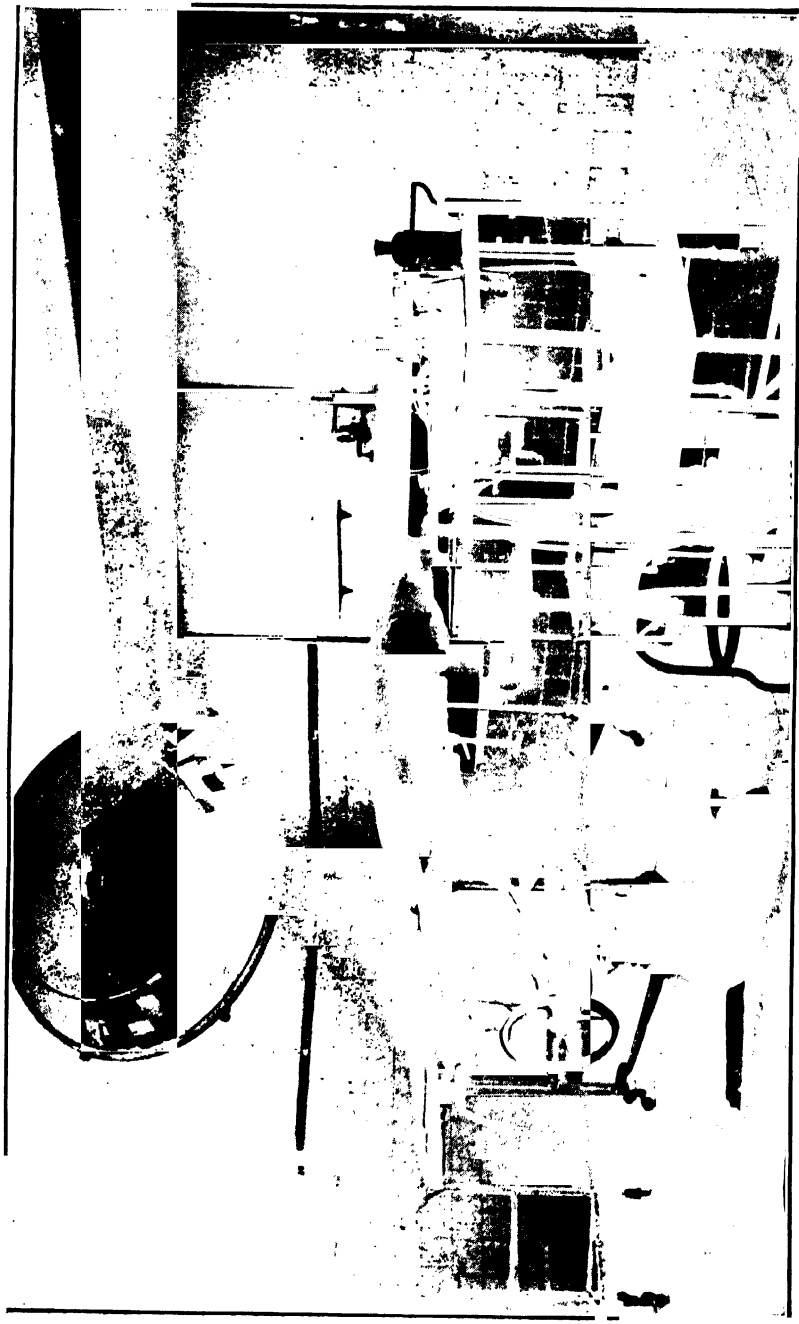
2. *In Surgery—*

- (a) A course of lectures and clinical demonstrations extending over six terms.
- (b) A course of practical instruction in Operative Surgery including operations on the cadaver to be performed by the students themselves extending over a period of two terms.
- (c) An appointment for six months as Surgical Dresser in the wards of a recognized hospital.
- (d) An appointment for three months as Surgical Dresser in the out-patient department of a recognized hospital.

The course of instruction in Surgery shall include instruction in Surgical Pathology and the application of Physiology and Anatomy to the investigation of disease.

- (e) Every candidate shall also present evidence of having received adequate instruction in the following subjects :—

- (i) Administration of Anæsthetics. (Each candidate shall be certified to have administered anæsthetics on at least ten occasions.)
- (ii) Dental Surgery.
- (iii) Radiology.
- (iv) Venereal Diseases.
- (v) Diseases of Ear, Nose and Throat.



3. *In Midwifery and Diseases of women—*

- (a) A course of lectures and clinical demonstrations extending over four terms.
- (b) An appointment for six months as a Clinical Clerk in Maternity and Gynæcological wards, during which period he must have conducted ten labour cases in a recognised Maternity Hospital or in the lying-in wards of a general hospital under the supervision of a qualified member of the medical staff, and subsequently conducted under adequate supervision a further ten cases of labour; he shall have also attended during this period gynæcological out-patients and ante-natal clinic at recognised institutions.

4. *In Ophthalmology—*

- (a) A course of lectures and clinical demonstrations extending over one term.
- (b) An attendance for three months in the Ophthalmic out-patient department and wards of a recognised hospital.

5. *In Pathology—*

- (a) A course of lectures, demonstrations and practical work in Pathology extending over two terms.
- (b) A course of lectures, demonstrations and practical work in Bacteriology and elementary Parasitology extending over two terms.
- (c) A certificate of attendance as a Post-Mortem Clerk for one term.

The candidates will be required to submit to the Examiners full records of ten autopsies which they have attended and which have been certified by the teachers in that subject.

6. *In Forensic Medicine—*

A course of instruction in Forensic Medicine and Toxicology including demonstrations extending over two terms.

7. *In Preventive Medicine—*

A course of instruction in Preventive Medicine including demonstrations extending over one term.

31. Candidates shall apply to the Registrar three weeks before the commencement of the examination.

32. Each candidate shall pay to the Registrar, through the Head of his College, or otherwise, as the Syndicate may direct, a

fee of Rs. 45 for the whole examination or Rs. 25 for each group, taken separately. A receipt will be given.

33. The subjects in which the candidates will be examined are divided into two groups which may be taken together or separately.

Group A—(1) *Medicine*—

The examination in Medicine will consist of—

- (a) Two papers each of three hours' duration.
- (b) A clinical examination in Medicine consisting of the following :—
 - (i) An examination of a patient and written report thereon for which one hour and a half will be allowed.
 - (ii) A short examination on one or more cases.
- (c) An oral examination.

(2) *Pathology*—

The examination in Pathology will consist of—

- (a) One paper of three hours' duration.
- (b) A practical examination.
- (c) An oral examination.

(3) *Forensic and Preventive Medicine*—

The examination in Forensic and Preventive Medicine will consist of—

- (a) A paper of three hours' duration.
- (b) An oral examination in each subject including questions on specimens and appliances.

Group B—(1) *Surgery*—

The examination in Surgery will consist of—

- (a) Two papers each of three hours' duration.
- (b) A clinical examination.
- (c) An oral examination bearing on Surgical Anatomy, Pathology and appliances.
- (d) Operations on the cadaver.

(2) *Ophthalmology*—

The examination in Ophthalmology will consist of—

- (a) A paper of two hours' duration.
- (b) A clinical and oral examination.

(3) *Midwifery and Gynæcology*—

The examination in Midwifery and Gynæcology will consist of—

(a) A paper of three hours' duration.

(b) An oral examination including questions on specimens and appliances.

34. Candidates who pass in all subjects but one of groups A and B at the same time, will be exempted from a future examination in the subjects in which they have passed.

35. Failure to pass the examination in either group will not debar the candidate from appearing at any subsequent examination on the submission of a new application, the payment of a fresh fee and the production of a certificate showing that he has, during the interval between the declaration of his failure and subsequent re-appearance at the examination, pursued a further course of study in the subjects of the examination to the satisfaction of the Dean or Head of a Medical College recognized by the University.

36. To pass the examination the candidate shall obtain in each subject 50 per cent. of the full marks in the clinical, practical and oral tests, 40 per cent. in the written and 50 per cent. in the written and the clinical, practical and oral taken together. Those of the successful candidates who obtain 66 per cent. of the total marks obtainable shall be placed in the first class.

37. A candidate who obtains 50 per cent. of the full marks in the practical, clinical and oral tests in any subject, 40 per cent. in the written test and 60 per cent. in the written and practical, clinical and oral tests taken together, may, at his option, be excused from appearing in that subject at a subsequent examination but he shall not be declared to have passed the whole examination until he has passed in all the subjects of the examination. Candidates passing the examination in this manner in compartments shall not be eligible for a class.

38. As soon as practicable after the conclusion of the examination, the Examiners shall publish a list of successful candidates in two classes, *viz.*, a First Class arranged in order of merit and a Second Class arranged in alphabetical order. The subject or subjects in which any successful candidate may have distinguished himself will be shown on the list. In order to obtain distinction in any subject the student should pass the examination at the first attempt in all the subjects, and obtain 75 per cent. of the full marks in the subject.

39. Only those candidates who have passed the whole examination at one time will be eligible for distinction or for any prize or scholarship to be awarded at the examination.

40. A certificate will be given to those who pass the examination.

Transitory Provisions.

41. A candidate admitted to the Intermediate Class of a Medical College in or before June 1923 shall only be required to complete the courses of study laid down in the old regulations. Provided that he shall have completed to the satisfaction of the Head of the Medical College the courses as therein laid down, he shall be eligible to sit for the Intermediate Examination after two years, and when successful at that examination, eligible to sit for the final examination after a further two years; and should no examination under the old regulations be held at the time at which he would be eligible to sit, he shall be permitted to appear for the corresponding examination under the new regulations without completing any further terms or any additional courses of study and with any exemptions previously earned.

For the purpose of this rule—

(i) The First Examination for the M.B., B.S. Degrees under the new regulations will be held to correspond with the Intermediate Examination under the old regulations except as regards Materia Medica, Pharmacology and Pharmacy, and furthermore, any candidate who shall have passed the Intermediate Examination under the old regulations, or shall have been exempted from sitting again therein in Materia Medica, Pharmacology and Practical Pharmacy, shall be exempted from sitting in or keeping terms in those subjects at any subsequent examination conducted by the University; and any candidate who shall have passed the Intermediate Examination under the old regulations in Anatomy and Physiology but shall have failed in Materia Medica, Pharmacology and Practical Pharmacy, shall be eligible to keep terms for the Final (Third) M. B., B. S. Examination and shall be eligible without keeping any further terms in these subjects to sit for the Second Examination for the Degrees of M. B., B. S.

(ii) Groups A and B of the Third M. B., B. S. Examination under the new (revised) regulations taken simultaneously shall together be held to correspond to the Final M.B., B.S. Parts I and II of the *old regulations* taken together.

42. Part I of the Final M. B., B. S. Examination (existing regulations) will be held for the last time in September 1930,

FEMALE SURGICAL WARD



43. Part II of the Final M. B., B. S. Examination (existing regulations) will be held for the last time in April 1931.

44. Students who have passed in Part I of Final M.B., B.S. Examination (existing regulations) will be exempted from the Second M.B., B.S. Examination in Materia Medica, Pharmacology and practical Pharmacy, and in the subjects of Pathology, Forensic and Preventive Medicine of Group A of the Third M. B., B. S. Examination (revised regulations).

45. Any exemptions earned in any subject or subjects under either the old or existing regulations will hold good under the new (revised) regulations.

Question Papers.

UNIVERSITY OF BOMBAY.

Intermediate M.B., B.S. Examination.

1926.

Monday, 13th December.

[10-30 A.M. to 1-30 P.M.]

Anatomy—Paper I.

R. P. Koppikar, M.S. ; V. L. Parmar, M.B., B.S., F.R.C.S. ;
J. M. Manekshaw, L.M. & S. ; M. A. Sogu, M.S.

[The black figures to the right indicate full marks.]

N. B.—The answers to the two sections should be
written in separate books.

Section I.

1. Describe the portal Vein. **16**
2. Describe the dissection necessary to expose the second part of Lingual Artery. **18**
3. Describe the Obturator Nerve. **16**

Section II.

4. Write all what you know about the Prostate Gland. **18**
5. Describe the left Recurrent Laryngeal Nerve. **16**
6. Write fully about the lymphatic drainage of the Breast. **16**

or

Give the development of the Rectum and the Anal Canal.

Intermediate M.B., B.S. Examination.**1926.***Monday, 13th December.*

[2-30 P.M. to 5-30 P.M.]

Anatomy—II.

R. P. Koppikar, M.S. ; V. L. Parmar, M.B.B.S., F.R.C.S. ; J. M. Manekshaw, L.M. & S. ; M. A. Sogu, M.S.

[The black figures to the right indicate full marks.]

N. B.—The answers to the two sections should be written in separate papers.

Section I.

- | | |
|--|-----------|
| 1. Describe the Hip-Joint. | 18 |
| 2. Describe the Broad Ligament of the Uterus. | 14 |
| 3. Enumerate the muscles of the Eye-ball. Give their actions and nerve-supply. | 18 |

Section II.

- | | |
|--|-----------|
| 4. Describe the Inguinal Canal. | 18 |
| 5. Give the arterial anastomosis round the Scapula. | 16 |
| 6. Give the Surface-marking of the Heart and its different Valves. | 16 |

Intermediate M.B., B.S. Examination.**1926.***Wednesday, 15th December.*

[10-30 A.M. to 1-30 P.M.]

Physiology—Paper I.

C. S. Thakar, L.M. & S. ; F. N. Moos, M.D., B.S., D.P.H., D.T.M.;
S. P. Niyogi, M.B., M.Sc ; W. BurrIDGE, M.A., D.M.

[The black figures to the right indicate full marks.]

N. B.—Two questions are to be attempted in each section.

The answers to the two sections should be written in separate books.

Illustrate your answers with diagrams when possible.

Section A.

1. Describe the structures seen in a transverse section of the cerebrum at the level of the basal ganglia.
2. What is the sequence of events in a cardiac cycle?
How is the sequence explained?
3. Write short notes on :—
 - (a) Hyperglycæmia.
 - (b) Thyroxin.
 - (c) Ductus Arteriosus.
 - (d) Plantar reflex.
 - (e) Intra-thoracic pressure.

Section B.

4. Give an account of the origin and fate of red blood corpuscles.
5. Give an account of the functions and innervation of the intrinsic muscles of the eye.
6. What is the autonomic system ? How has it been investigated and with what results ?

Intermediate M.B., B.S. Examination.**1926.***Wednesday, 15th December.*

[2-30 P.M. to 5-30 P.M.]

Physiology—Paper II.

C. S. Thakar, L.M. & S.; F. N. Moos, M.D., B.S., D.P.H., D.T.M.;
S. P. Niyogi, M.B., M.Sc.; W. Burrige, M.A., D.M.

[The black figures to the right indicate full marks.]

N. B.—Two questions are to be attempted in each section.

The answers to the two sections should be written in separate books.

Illustrate your answers with diagrams when possible.

Section A.

1. Give an account of the mechanical and chemical process of digestion in the stomach. 25
2. Give an account of the chemistry of Hæmoglobin and its derivations. 25
3. Describe the minute structure of the adult human Ovary and the changes that take place during ovulation. 25

Discuss the relationship of ovulation with the phenomenon of Menstruation.

Section B.

4. Describe the minute structure of the suprarenal gland and give an account of its functions. 25
5. Write an account of the chemical and electrical changes which occur in a muscle when it contracts. 25
6. Give an account of the origin and the metabolic significance of the following constituents in the urine. 25
 - (a) Ammonia.
 - (b) Ethereal Sulphates.
 - (c) Creatinine.

Intermediate M.B., B.S. Examination.**1927.***Friday, 1st April.*

[11 A.M. to 2 P.M.]

Anatomy—Paper I.

R. P. Koppikar, M.S. ; V. L. Parmar, M.B.B.S., F.R.C.S. ;
J. M. Manekshaw, L.M. & S. ; M. A. Sogu, M.S.

[The black figures to the right indicate full marks.]

N. B.—The answers to the two sections should be written
in separate books.

Section I.

- | | |
|-----------------------------------|-----------|
| 1. Describe the male Urethra. | 16 |
| 2. Describe the middle ear. | 18 |
| 3. Describe the Vertebral Artery. | 16 |

Section II.

- | | |
|--|-----------|
| 4. Describe fully the Parotid Salivary gland and its duct. | 16 |
| 5. Describe the various external Biliary Ducts and give fully the relations of the Common Bile Duct. | 16 |
| 6. Describe fully the upper end of Tibia. Give the ossification of Tibia. | 18 |

or

Describe the development of the Eustachian Tube.

Intermediate M. B., B. S. Examination.**1927.***Saturday, 2nd April.*

[11 A.M. to 2 P.M.]

Anatomy—Paper II.

R. P. Koppikar, M.S.; V. L. Parmar, M.B., B.S., F.R.C.S.;

J. M. Manekshaw, L.M. & S.; M. A. Sogu, M.S.

[The black figures to the right indicate full marks.]

N. B.—The answers to the two sections should be written in separate books.**Section I.**

1. Give the relations of the Abdominal Aorta and enumerate its branches. 18
2. Describe the Thoracic Duct. 18
3. Describe the Third Ventricle of the Brain. 14

Section II.

4. Describe the Cæcum and the Appendix. 20
5. Describe the Adductor Canal (Hunter's Canal). 15
6. Give the origin, insertion and the nerve supply of the Pronator and the Supinator Muscles of the Forearm. 15

Intermediate M.B., B.S. Examination.**1927.***Tuesday, 5th April.*

[11 A.M. to 2 P.M.]

Physiology—Part I.

C. S. Thakar, L.M. & S.; S. P. Niyogi, M.B., M.Sc.; W. Burrige, M.A., D.M.; A. Subba Rau, M.Sc., D.Sc.

N. B.—Two questions only in each section should be answered and a separate book used for each section.

The answers should be brief and concise, and be illustrated by diagrams whenever possible.

Section A.

1. Describe the immediate and remote effects of a hemisection of the spinal cord in the mid-dorsal region.
2. What benefits arise from residence in the hills during the hot weather ?
3. Describe with the aid of a diagram the minute structure of the organ of Corti. Indicate how sound waves influence this organ.

Section B.

4. What do you know about the localisation of functions in the Cerebral hemispheres ?
5. Write an account of the metabolism of the fats in the body.
6. Describe the structure and functions of the spleen.

Intermediate M.B., B.S. Examination.**1927.***Wednesday, 6th April.*

[11 A.M. to 2 P.M.]

Physiology—Part. II.

C. S. Thakar, L.M. & S. ; S. P. Niyogi, M.B., M.Sc.;

W. Burrige, M.A., D.M.; A. Subba Rau, B.A., M.Sc., D.Sc.

N.B.—Two questions only in each section should be answered, and a separate book used for each section.

The answers should be brief and concise and be illustrated by diagrams whenever possible.

Section A.

1. By what experiments has the position of the respiratory centre been ascertained? How is this centre influenced by afferent impulses?
2. Describe the movements of the small intestine. How far are they controlled by the nervous system?
3. Write a short note on degeneration and regeneration of nerve fibres.

Section B.

4. Describe the Nervous regulation of the heart.
5. Define "Reflex Action". Give an account of the general features of Reflex actions.
6. Describe the process of coagulation of blood. How may the coagulation time be reduced?

Intermediate M.B., B.S. Examination.**1927.***Monday, 12th December.*

[10-30 A.M. to 1-30 P.M.]

Anatomy—Paper I.

R. P. Koppikar, M.S. ; J. M. Manekshaw, L.M. & S., F.C.P.S.;
 M. A. Sogu, M.S. ; Major P. B. Bharucha, D.S.O., F.R.C.S., I.M.S.

[The black figures to the right indicate full marks.]

N. B.—The answers to the two sections should be written
 in separate books.

Section I.

- | | |
|---|----|
| 1. Describe the Duodenum. | 18 |
| 2. Describe the Atlas. | 16 |
| 3. Write what you know about the Ductus Deferens. | 16 |

Section II.

- | | |
|--|----|
| 4. Describe the Thyroid Gland. | 20 |
| 5. Describe the Ante-cubital Fossa. | 15 |
| 6. Give the blood-supply of the Stomach. | 15 |

Intermediate M.B., B.S. Examination.**1927.***Monday, 12th December.*

[2-30 P.M. to 5-30 P.M.]

Anatomy—Part II.

R. P. Koppikar, M.S.; J.M. Manekshaw, L.M. & S., F.C.P.S.;
 M. A. Sogu, M.S.; P. B. Bharucha, D.S.O., F.R.C.S., I.M.S.

[The black figures to the right indicate full marks.]

N. B.—The answers to the two sections should be written
 in separate books.

Section I.

- | | |
|---|-----------|
| 1. Describe the Naso-ciliary Nerve fully. | 15 |
| 2. Describe the Elbow Joint. | 15 |
| 3. Describe the Arch of the Aorta. | 20 |

Section II.

- | | |
|--|---------------------------------|
| 1. Draw a transverse section at the level of the Adductor Canal. (Description of the structures not required.) | 12 |
| 2. Name the principal muscles made use of in the following acts. Give their nerve supply and the deep origins of these nerves from the central nervous system :— | 18 |
| (a) Reading. | (d) Spreading of fingers apart. |
| (b) Chewing. | (e) Inspiration. |
| (c) Arm-Abduction. | (f) Inversion of foot. |
| 3. Write brief notes on the following :— | 20 |
| (a) Ductus Arteriosus. | (d) Urachus. |
| (b) Graffian follicle. | (e) Mullerian Ducts. |
| (c) Meeckel's Diverticulum. | (f) Metanephros. |

*or***Give the Anatomy of the Inguinal Hernia.**

Intermediate M.B., B.S. Examination.**1927.***Tuesday, 13th December.*

[10-30 A.M. to 1-30 P.M.]

Physiology—Paper I.

C. S. Thakar, L.M. & S. ; S. P. Niyogi, M.B., M.Sc. ;
 W. Burrige, M.A., D.M. ; A. Subba Rau, B.A., M.Sc., D.Sc.

[The black figures to the right indicate full marks.]

N. B.—Two questions only in each section should be answered and a separate book used for each section.

The answers should be brief and concise, and be illustrated by diagrams whenever possible.

Section A.

1. Give a brief account of the function and fate of the red blood corpuscle. 25
2. A very painful stimulus is applied to the sole of the foot. Trace the course that the impulse takes to reach the appropriate centre in the brain. 25
3. Give an account of the histological and physiological properties of Cardiac Muscle. 25

Section B.

4. Under what conditions may a difference of electrical potential occur in living tissues? 25
5. Describe the foetal circulation and state the changes which occur in it at birth. 25
6. Discuss and appraise the several theories of colour vision. 25

Intermediate M.B., B.S. Examination.**1927.***Tuesday, 13th December.*

[2-30 P.M. to 5-30 P.M.]

Physiology—Paper II.

C. S. Thakar, L.M. & S. ; S. P. Niyogi, M.B., M.Sc. ;
 W. Burrige, M.A., D.M. ; A. Subba Rau, B.A., M.Sc., D.Sc.

[The black figures to the right indicate full marks.]

N. B.—Two questions only in each section should be answered, and a separate book used for each section.

The answers should be brief and concise, and be illustrated by diagrams whenever possible.

Section A.

1. Describe the minute structure of the Pancreas and state in detail the rôle it plays in the metabolism of carbohydrates. 25
2. Write an account of the Autonomic nervous system. State its distribution and functions. 25
3. Give a full account of the metabolism of the Purines in the body. 25
 What is a purine-free diet ?

Section B.

4. Under what conditions does glucose occur in the urine and how would you distinguish it from other reducing substances ? 25
5. Describe the effects of Asphyxia on Respiration and Circulation. 25
6. Describe the minute structure of the ovary and the actions of the ovarian hormone. 25

Intermediate M.B., B.S. Examination.**1928.***Monday, 2nd April.*

[11 A. M. to 2 P.M.]

Anatomy—Part I.

R. P. Koppikar, M.S. ; J. M. Manekshaw, L.M. & S. ;
 M. A. Sogu, M.S. ; S. R. Joglekar, M.B., B.S., F.R.C.S., F.R.C.S.E.

[The black figures to the right indicate full marks.]

N. B.—The answers to the two sections should be written
 in separate books.

Section I.

1. Describe the Trachea and its relations. **16**
2. Give the relations of the Kidneys. **16**
3. Give the relations of the third part of the Subclavian Artery. Describe the Collateral circulation if this part of the vessel is blocked. **18**

Section II.

4. Describe the interior of the knee joint naming the muscles taking part in each movement. **18**
5. Give the origin, course and distribution of the Hypoglossal Nerve. **16**
6. Describe the lymphatic drainage of the tongue. **16**

Intermediate M.B., B.S. Examination.**1928.***Tuesday, 3rd April.*

[11 A.M. to 2 P.M.]

R. P. Koppikar, M.S. ; J. M. Manekshaw, L.M. & S. ;
 M. A. Sogu, M.S. ; S. R. Joglekar, M.B.B.S., F.R.C.S., F.R.C.S.E.

[The black figures to the right indicate full marks.]

N. B.—The answers to the two sections should be written
 in separate books.

Section I.

1. Describe the upper end of the Humerus and its development. 16
2. Describe the rectum and its blood-supply. 16
3. Give the origin, insertion, nerve supply and actions of the following muscles :— 18
 - (1) Biceps Brachii.
 - (2) Gastrocnemius.
 - (3) Psoas Magnus.
 - (4) Sterno-mastoid.
 - (5) Crico-Thyroid.

Section II.

4. Describe the Pectoralis minor muscle and its relations. 16
5. Describe the relations of the Inferior Vena Cava in its abdominal Course. 16
6. Describe the Palate and its development. 18

or

Describe the Omental Bursa (Lesser Sac of the Peritoneum).

Intermediate M.B., B.S. Examination.**1928.***Wednesday, 4th April.*

[11 A.M. to 2 P.M.]

Physiology—Paper I.

Captain S. L. Bhatia, M.A., M.D., B.Ch., I.M.S. ; S. P. Niyogi, M.B., M.Sc.; W. Burrige, M.A., D.M. ; A. Subba Rau, B.A., M.Sc., D.Sc.

[The black figures to the right indicate full marks.]

N. B.—Two questions only in each section should be answered, and a separate book used for each section.

The answers should be illustrated by diagrams whenever possible.

Section A.

1. Give a brief account of the origin, nature and functions of the cerebro-spinal fluid. **25**
2. Describe a simple method of measuring blood pressure. What are the factors that cause an increase in capillary pressure ? **25**
3. Give a brief account of protein metabolism during starvation. **25**

Section B.

4. Give an account of the factors concerned in the co-ordination of Muscular movements. **25**
5. Describe and explain the factors that cause variation in the reaction and total output of urine. **25**
6. Describe the methods by which the motor and secretory activities of the stomach have been investigated. **25**

Intermediate M.B., B.S. Examination.**1928.***Thursday, 5th April.*

[11 A.M. to 2 P.M.]

Physiology—Paper II.

Captain S. L. Bhatia, M.A., M.D., B.Ch., I.M.S. ; S. P. Niyogi, M.B., M.Sc. ; W. Burrige, M.A., D.M. ; A. Subba Rau, B.A., M.Sc., D.Sc.

[The black figures to the right indicate full marks.]

N.B.—Two questions only in each section should be answered, and a separate book used for each section.

The answer should be illustrated by diagrams whenever possible.

Section A.

1. Describe the minute structure of the retina and the changes that take place in it when exposed to light. **25**
2. Describe the factors which regulate body temperature. **25**
3. Write short notes on :— **25**
 - (a) Auriculo-ventricular bundle.
 - (b) Thyroxin.
 - (c) CO₂ in blood.
 - (d) Urinary pigments.

Section B.

4. Give an account of the structure and functions of the adrenals. **25**
5. Comment on the statement that "Milk is a perfect food." **25**
6. Describe the properties of a Reflex Arc. **25**

M.D. Examination.

(BRANCH I.)

1928.*Monday, 18th June.*

[11 A.M. to 2 P.M.]

Medicine—Paper I.

Pheroze C. Bharucha, M.D. ;

Lieut.-Col. S. S. Vazifdar, M.R.C.P., M.R.C.S., I.M.S.

1. Discuss fully the pathogenesis, clinical signs and symptoms, diagnosis and treatment of Viscerotoxosis.

2. What are "inborn errors of metabolism"? Give examples and discuss the part that they play in the production of disease and the methods by which they may be recognised.

M.D. Examination.

(BRANCH I.)

1928.*Monday, 18th June.*

[3 P.M. to 6 P.M.]

Tropical Medicine—Paper II.

Pheroze C. Bharucha, M.D. ;

Lieut.-Col. S. S. Vazifdar, M.R.C.P., M.R.C.S., I.M.S.

1. Discuss fully the clinical significance of splenic enlargements including all causes of splenomegaly as it occurs in the Tropics. What other conditions may a splenic tumour be confounded with? Give in full the differential diagnosis.

2. Describe fully the different protozoal parasites found in human faeces.

M.D. Examination.

(BRANCH I.)

1928.*Tuesday, 19th June.*

[11 A.M. to 2 P.M.]

Medicine—Paper III.

(PATHOLOGY.)

Phero C. Bharucha, M.D. ;

Lieut.-Col. S. S. Vazifdar, M.R.C.P., M.R.C.S., I.M.S.

1. Discuss fully the pathology and morbid anatomy of *Tabes Dorsalis* laying stress on the explanation of the nature and distribution of the clinical signs and symptoms in the light of pathological findings.

Describe in detail the changes that are found in the cerebro-spinal fluid in the following conditions :—

- (1) *Tabes Dorsalis*, (2) G. P. I., (3) *Cerebro-spinal Meningitis*, (4) *Tuberculous Meningitis*, (5) *Posterior Basic Meningitis*, (6) *Intracranial Abscess*, (7) *Compression of the Spinal Cord*, (8) *Uræmia*.

2. Describe the changes found in the blood, spleen, and bone-marrow in a typical case of *Streptococcus pyogenes pyæmia*.

M.D. Examination.

(BRANCH I.)

1928.*Tuesday, 19th June.*

[3 P.M. to 6 P.M.]

Medicine—Paper IV.

(ESSAY.)

Phero C. Bharucha, M.D. ;

Lieut.-Col. S. S. Vazifdar, M.R.C.P., M.R.C.S., I.M.S.

1. Write an essay on one of the two following subjects :—

- (1) *Compression Myelitis* ;

Or

- (2) *Influence of the mind on the body in health and disease*,

M. D. Examination.

(BRANCH II.)

1927.*Monday, 20th June.*

[11 A.M. to 2 P.M.]

Pathology—Paper I.

V. R. KHANOLKAR, B.Sc., M.D., S. K. VAIDYA, M.R.C.P.,
D.P.H.

[N.B.—All questions must be answered.]

1. Describe the morphological and cultural characteristics of the pneumococcus. How would you isolate and identify a particular variety of *Pneumococcus* from the rusty sputum of a patient?

2. You are called to see a person supposed to be suffering from plague. Describe the technique you would adopt to investigate the case bacteriologically.

3. Describe the life history of, and the pathological conditions caused in man by—

(a) *Ankylostoma Duodenalis*.

(b) *Filaria Sanguinis Hominis*.

(c) *Trichina Spiralis*.

4. Discuss the various antibodies produced in an animal as a result of bacterial infection. What methods have been adopted to demonstrate their presence?

M. D. Examination.

(BRANCH II.)

1927.*Tuesday, 21st June.*

[11 A.M. to 2 P.M.]

Pathology—Paper II.

V. R. KHANOLKAR, B.Sc. M.D., S. K. VAIDYA, M.R.C.P.,
D.P.H.

[N.B.—All questions must be answered.]

1. What *post-mortem* findings would lead you to report the cause of death in a case as Pernicious anæmia?

2. How is the volume of blood regulated in man? Discuss the conditions in which the volume is altered.

3. Describe the naked eye and microscopic appearances of lesions met with in children, as a result of congenital infection by *Treponema Pallidum*.

4. Discuss the mechanism of the normal heart beat. Describe the disturbances in the function of the heart which are associated with (a) partial, (b) complete lesions of the auriculo-ventricular bundle.

M. D. Examination.

(BRANCH II.)

1927.

Wednesday, 22nd June.

[11 A.M. to 2 P.M.]

Pathology—Paper III.

V. R. KHANOLKAR, B.Sc. M.D., S. K. VAIDYA, M.R.C.S.,
D.P.H.

[N.B.—All questions must be answered.]

1. A patient complaining of frequent painful motions with presence of blood and slime in the stools is brought to you. Discuss the differential diagnosis and treatment.

2. Describe and explain the signs and symptoms of a tumour in connection with the intracranial portion of the nervus acusticus. Illustrate your answer, if necessary with diagrams.

3. What is meant by Hyperglycæmia and Glycosuria? Discuss the conditions in which they are met with.

4. A patient seeks your advice for pain in the abdomen after meals, with history of indigestion extending over one year. How would you proceed to investigate the case?

M. D. Examination.

(BRANCH II.)

1927.*Thursday, 23rd June.*

[11 A.M. to 2 P.M.]

Pathology—Paper IV.**V. R. KHANOLKAR, B.Sc. M.D., S. K. VAIDYA, M.R.C.S.,
D.P.H.**

1. Write an essay on one of the following subjects :—

(a) Oedema.

(N.B.—The candidate should restrict himself to the pathological aspect of the above condition.)

(b) Contributions of Louis Pasteur and Robert Koch towards the foundation and advancement of Bacteriology.

M.D. Examination.

(BRANCH III.)

1928.*Monday, 18th June.*

[11 A.M. to 2 P.M.]

Midwifery and Gynæcology—Paper I.**N. A. Purandare, M.D. ;****Mrs. Dossibai J. R. Dadabhoy, M.D., M.R.C.P.**

1. What are the anomalies in the Mechanism of the Breech Presentation ? How would you manage a normal and abnormal breech labour ?

2. What is the mechanism of rupture of the Uterus ? How would you make out the rupture ? Describe the treatment fully.

3. A woman develops fever on the fourth day of confinement. How would you proceed to determine the nature of it ? What is its most common cause ? What are the complications that the latter may give rise to ?

Describe the treatment of this most common cause.

or

Describe how nourishment is carried out from the state of oocyte in the Graafian follicle to its fertilization and formation into embryo and foetus till it fully develops in the Uterus.

M.D. Examination.

(BRANCH III.)

1928.*Monday, 18th June.*

[3 P.M. to 6 P.M.]

Midwifery and Gynæcology—Paper II.

N. A. Purandare, M.D. ;

Mrs. Dossibai J. R. Dadabhoy, M.D., M.R.C.P.

1. Describe the different varieties of Fibromyoma of the uterus, their clinical diagnosis and treatment in detail.

2. Describe the Anatomy of the Pelvic Floor. What are the causes of the Prolapse of the uterus ?

Describe the treatment that you would adopt under different conditions.

3. A woman is admitted with acute abdomen. How would you proceed to investigate its cause ? Discuss its treatment.

M.D. Examination.

(BRANCH III.)

1928.*Tuesday, 19th June.*

[11 A.M. to 2 P.M.]

Midwifery and Gynæcology—Paper III.

N. A. Purandare, M.D. ;

Mrs. Dossibai, J. R. Dadabhoy, M.D., M.R.C.P.

1. Describe the Macroscopical and Microscopical appearances found in the following conditions :—

(a) Carcinoma of the Cervix and body of the Uterus.

(b) Pseudo-Adenoma of the Cervix.

(c) Tuberculous Pyosalpinx.

(d) Papilliferous Cyst of the Ovary.

2. A pregnant woman has purulent discharge and sores on the genitals. What are likely to be the causes and how would you proceed to make the Bacteriological examination ?

3. Mention the different varieties of anæmia in children. Describe the blood picture in each.

M.D. Examination.

(BRANCH III.)

1928.*Tuesday, 19th June.*

[3 P.M. to 6 P.M.]

Midwifery and Gynæcology—Paper IV.

N. A. Purandare, M.D. ;

Mrs. Dossibai J. R. Dadabhoy, M.D., M.R.C.P.

Being in charge of a Cancer Hospital for Women, how will you try to educate the public to take advantage of the hospital in the early stage of the malady and how will you equip it to afford treatment to patients on up-to-date lines ?

Or

Cæsarian section, its various modifications and its indications.

M.S. Examination.**1928.***Monday, 18th June.*

[11 A.M. to 2 P.M.]

Surgery—Paper I.

A. K. Dalal, O.B.E., F.R.C.S., F.C.P.S. ;

G. V. Deshmukh, M.D., F.R.C.S.

1. Give the causes, signs, symptoms and treatment of empyema of the chest.
2. Give the commentary on the following case as regards diagnosis and treatment :—

A child aged 10 years got fever 100°F. for 2 weeks. The right thigh became flexed and movements of the hip were painful. In the third week a lump was noticed in the right iliac fossa. The patient was examined under chloroform and the right thigh was moved much as the diagnosis was doubtful. The patient was made to travel 24 hours in a railway. When she arrived temperature was 103°F., pulse 160, respiration 52, slight bronchitis, vomiting, abdomen distended and rigid, and right thigh considerably flexed with only 10 degrees of movement.

M.S. Examination.**1928.***Monday, 18th June.*

[3 P.M. to 6 P.M.]

Surgery—Paper II.

A. K. Dalal, O.B.E., F.R.C.S., F.C.P.S.;

G. V. Deshmukh, M.D., F.R.C.S.

1. Discuss the diagnosis of Nephrolithiasis. Give its treatment in detail.

2. How is fracture of the Spine produced at the level of 12th Dorsal and 1st Lumbar Vertebrae. Give the signs, symptoms, and treatment.

M. S. Examination.**1928.***Tuesday, 19th June.*

[11 A.M. to 2 P.M.]

Surgery—Paper III.

A. K. Dalal, O.B.E., F.R.C.S., F.C.P.S.;

G. V. Deshmukh, M.D., F.R.C.S.

1. What surgical complications will arise from the ligature of the common carotid artery in the neck? Describe the collateral circulation after its ligature. Give its anatomical relations in the neck.

2. Give the anatomical relations of Pancreas and describe the pathology of Pancreatic Cysts.

3. Describe the pathology of Scoliosis of the Spine.

M. S. Examination.**1928.***Tuesday, 19th June.*

[3 P.M. to 6 P.M.]

Surgery—Paper IV.

A. K. Dalal, O.B.E., F.R.C.S., F.C.P.S.;

G. V. Deshmukh, M.D., F.R.C.S.

Write an essay on one of the following two subjects :—

1. Treatment of fractures reviewing the history of treatment.
2. Cancer of the tongue with special reference to its treatment.

Final M. B., B. S. Examination.**Part I (New Regulations).****1928.***Monday, 3rd September.*

[11 A.M. to 1 P.M.]

Pathology and Bacteriology.

V. R. Khanolkar, B.Sc., M.D.; E. P. Ghadiali, L.M. & S.,
M.R.C.P., L.R.C.P.; P. V. Gharpure, M.D.; B. B. Yodh,
M.B., B.S., M.R.C.P., D.T.M. & H.

[The black figures to the right indicate full marks.]

N.B.—The answers to the two sections should be written
in separate books.

Section I.

1. Describe the macroscopic and microscopic appearances **25**
of the ulcers found in the large intestine.
2. Describe the coronary arteries. Under what conditions **25**
are they blocked (1) suddenly and (2) slowly? Give in short
the pathology of the conditions you mention.

Section II.

1. How would you isolate and identify the causative orga- **25**
nism from a case of cholera?
2. Name the common pathogenic protozoa; and describe **25**
the morphology and the lesions produced in man by any one of
them.

Or

A person is suspected to be suffering from Kala-azar.
What laboratory methods would you employ to confirm the
diagnosis?

Final M.B., B.S. Examination.**Part I (New Regulations).****1928.***Monday 3rd September.*

[3 P.M. to 5 P.M.]

Hygiene.

C. Coutinho, B.Sc., L.M. & S., D.Hy., F.C.P.S. ;

J. S. Nerurkar, B.Sc., L.M. & S., D.P.H. ;

H. D. Khote, M.B., B.S., L.M., D.P.H., M.R.C.P.I., F.C.P.S. ;

Socrates Noronha, L.M. & S., B.Hy., F.C.P.S.

[The black figures to the right indicate full marks.]

N.B.—The answers to the two sections should be written in separate books.

Section I.

1. In what way is the air of an occupied room vitiated by respiration? What are the ill effects on the person occupying such a room if it is not well ventilated. To what causes you attribute these ill effects and how will you prove your statement? **25**

2. Mention the characteristics of a milk-borne epidemic. What are the chief diseases which may be communicated to man through milk ; how is milk affected? What *public* and *domestic* precautions would you advise against such infection? **25**

Section II.

3. What are the diseases conveyed by Insects? Name them with the names of the insects carrying these diseases. Give mode of infection with preventive measures of any one of these insects. **25**

4. Describe the essential parts and connections of a water-carriage system as far as the sewer. Illustrate your answer by a diagram. **25**

Final M.B., B.S. Examination.**Part I (New Regulations).****1928.***Tuesday 4th September.*

[11 A.M. to 1 P.M.]

Medical Jurisprudence.

Khan Bahadur A. K. Turner, L.M. & S., F.C.P.S. ;

N. J. Vazifdar, L.M. & S., F.C.P.S.

Rai Bahadur J. P. Modi, L.R.C.P., L.R.C.P.S. ;

G. K. Dhurandhar, L.M. & S.

[The black figures to the right indicate full marks.]

N. B.—The answers to the two sections should be written in separate books.

Section I.

1. Under what circumstances may acute poisoning by **25** arsenic occur ?

Mention the symptoms and treatment of acute poisoning and describe a test which would prove the presence of arsenic in the tissues.

2. What are the various methods by which violent deaths which result from asphyxia can be brought about?

What post-mortem appearances are found in such cases and what signs would you look for to distinguish between the various methods ?

Section II.

3. What is "*justifiable*" abortion ? Discuss the reasons **25** which would justify the induction of abortion.

Describe the methods that are usually adopted to procure "*criminal*" abortion and the post-mortem appearances that may be found in a fatal case. State briefly the Indian Law concerning criminal abortion.

4. Describe briefly the "*hydrostatic test*" and state the **15** inferences that may be drawn from the results obtained.

To what possible fallacies is the test liable and to what extent do they invalidate its usefulness ?

5. You are called in by neighbours to a man who has re- **10**
ceived various injuries in a quarrel and is in a dying condition.
What are your duties under these circumstances ?

Final M.B., B.S. Examination.**Part I (New Regulations).****1928.***Tuesday 4th September.***[3 P.M. to 5 P.M.]****Materia Medica and Pharmacology.**

E. Moses, M.D.; A. S. Paranjpe, M.D., M.B., Ch. B., D.T.M. & H.

[The black figures to the right indicate full marks.]*N. B.*—The answers to the two sections should be written in separate books.**Section I.**

1. Describe the pharmacological actions of atropine on (a) **25** the eye, (b) the secretions and (c) the circulation; and contrast them with those of pilocarpine.

2. Name any five official hypnotics, with their doses, and **25** give their relative advantages and disadvantages.

Section II.

3. Describe and explain the effects on the blood pressure **25** of:—

- (i) Chloroform, (ii) Amyl nitrite, (iii) Adrenaline,
(iv) Caffeine, (v) Digitalis.

4. (a) What drugs are used as saline purgatives and how **10** do they produce their purgative action? Contrast the effects of giving, by the mouth, an equal quantity of sod. chloride.

- (b) Prescribe (i) a mercurial purgative, **15**
(ii) a saline purgative for a child of 5 years,
(iii) a pill for chronic (habitual) constipation in an adult.

Seth Gordhandas Sunderdas Medical College Gymkhana, Bombay.

Rules and Regulations.

I. NAME AND OBJECTS.

Name and
Address.

1. The name of the Gymkhana shall be Seth Gordhandas Sunderdas Medical College Gymkhana, Bombay, and its office shall be located in the premises of the Seth G. S. M. College, Parel, Bombay (12).

Objects.

2. The objects of the Gymkhana shall be to cultivate the social, intellectual and physical welfare of the members of the Gymkhana by such means as games, indoor as well as outdoor, debates on different subjects, which will be instructive to the members, especially the college students, excursions, trips &c.

II. CONSTITUTIONS.

3. The members of the Gymkhana shall consist of :—

(a) **Patrons**—Every person contributing a sum of Rs. 1,000 or more in cash or kind to the Gymkhana shall be elected a Patron of the Gymkhana by the Grand Committee ;

(b) **Life Members**—Every person contributing a sum of Rs. 200 or more in cash or kind, and members of the teaching staff, and past graduates of the Seth G. S. M. College, shall be elected Life Members of the Gymkhana ;

(c) **Ordinary Members**—All registered students of the Seth G. S. M. College and the K. E. M. Hospital, excepting those whose names are nominally kept on the College register, must join the Gymkhana on payment of an annual subscription of Rs. 12/- each. The subscription shall be payable in three equal instalments of Rs. 4/- each, along with the College fees at the commencement of each term.

Mem-
bership.

4. The Gymkhana shall have one President, 4 Vice-Presidents and one General Secretary and one Secretary for each of the following Departments :—

Office
Bearers.

- (1) Cricket, (2) Tennis, (3) Badminton & Volleyball, (4) Hockey, (5) Foot-ball, (6) Debating and Reading Room, (7) Indoor games and Ping-Pong and (8) Gymnasium.

5. The Gymkhana shall also have 8 Departmental Committees, each consisting of three elected members, one of whom shall be the Secretary in charge of each of the Departments mentioned in the foregoing rule and an Executive Committee consisting of the 14 Office-Bearers and a Grand Committee consisting of the 14 Office Bearers and the 16 Elected Members of the Departmental Committees, with power to co-opt 3 more members when necessary.

Committees
of Manage-
ments.

III. ELECTIONS.

6. The Dean of the Seth G. S. M. College shall be the President of the Gymkhana *Ex-Officio*. The four Vice-Presidents shall be elected by the President and duly elected members of the Grand Committee from among the teaching staff of the College and Hospital.

President
and Vice-
Presidents.

7. On or about the 1st February every year, a notice shall be issued by the President inviting the nominations of candidates, who shall be members of the Gymkhana, for election as General Secretary, Departmental Secretaries and members of the Departmental Committees, who shall hold office for one year commencing from the 15th March and shall constitute the Executive and Grand Committees as laid down in Rule 5. The Notice shall specify the last date on which such nominations will be received and if there is a contest for all or any of the seats, also the date of the election which shall not be less than 7 clear days after the said last date of receiving nominations and also the date on which the results of the said election will be published.

Nominations.

8. (a) Candidates for seats on the Departmental Committees and the General Secretary shall be duly proposed and seconded, a written notice of the proposal bearing the signatures of the proposer and seconder and of the candidates being submitted to the President. No member shall be permitted to propose or second two candidates or propose one candidate and second another for the same seat nor shall any candidate be permitted to propose any other candidate nor shall any candidate be proposed in more than one department. If a sufficient number of candidates has not been proposed for any department by the General Body, it shall rest with the Grand Committee to select members to fill up the seats. A list of the candidates thus duly proposed and seconded shall be made up and published not less than 7 days before the date of the election.

Mode of
Voting.

(b) The elections for the 8 Departments shall be held in the same place and simultaneously, each member of the Gymkhana being given two votes cast in favour of two persons, one each, in each department. The candidate in each department securing the highest number of votes shall be declared to be elected as the Secretary of that department and the two candidates securing the next highest number of votes shall be declared to be elected to the Managing Committee of that department. In case both the votes are cast against one individual, the voting paper shall be rejected.

Scrutiny of
Votes.

(c) The President and the Vice-Presidents shall act as the Scrutineers for the election and when two candidates have both secured an equal number of votes which would have entitled either to be elected in the absence of the other, selection between them shall be made by the President and the other duly elected members of the Grand Committee.

Results of
Elections.

(d) A written statement of the results of the elections signed by the Scrutineers shall be published on the date already specified under Rule No. 7.

General
Secretary.

(e) The General Secretary shall be elected by the Grand Committee at a special meeting called for the purpose from the nomination made as laid down in Rule No. 7.

Vacancies on
the Executive
Committee.

(f) Vacancies on the Executive Committee of the Departmental Secretaries, and of the 4 elected Vice-Presidents and of the General Secretary shall be filled in by the Grand Committee.

IV. FUNCTIONS.

9. (a) The President of the Gymkhana shall preside at all General Meetings of the Gymkhana and all meetings of the Grand Committee and the Executive Committee and carry out the other duties imposed on him by these Rules.

(b) In the absence of the President, one of the Vice-Presidents shall be elected to the Chair at meetings at which the President would have presided.

(c) The General Secretary shall be the Secretary for the annual sports ; but shall not hold any departmental Secretaryship. It shall be his duty (1) to call meetings with the previous sanction of the President, to prepare agendas of the General Meetings of the Grand Committee and Executive Committee and get them circulated (2) to carry on general correspondence and to do any other work that may be entrusted to him by the President of the Gymkhana from time to time (3) to record the minutes of the various Gymkhana Meetings excepting those of the Departmental Committees,

(d) The Departmental Secretaries, besides carrying out the duties as members of the respective Departmental Committees, shall perform the following duties :—

- (1) To keep proper accounts of the funds allotted to their respective departments and all vouchers for payment made ;
- (2) To pass receipts for amounts received for their respective department ;
- (3) To call meetings of the Departmental Committees and prepare Agendas of the business to be transacted ;
- (4) To record minutes of the Meetings of the Departmental Committees ; and
- (5) To do any other duty assigned to them by the Departmental Committees.

(e) The general affairs of the Gymkhana shall be vested in the Grand Committee. The Committee shall also exercise general control over the work of the Executive Committee and its decisions shall be final.

(f) The management of the Gymkhana shall be vested in the Executive Committee. The Committee shall sanction, on the recommendation of the respective Departmental Committees, funds for holding annual sports, competitions, prizes, meetings &c., out of the budgetted grants and to prepare annual report of the Gymkhana with the statement of accounts for the consideration of the Grand Committee and the Annual General Meeting.

(g) The Departmental Committees shall manage the affairs of the respective department in their charge and frame bye-laws for this purpose subject to the approval of the Executive Committee.

V. MEETINGS.

10. The Annual General Meeting of the members of the Gymkhana shall be held during the month of June every year for (1) the adoption of the report of the Gymkhana for the previous year and (2) consideration of such other matters as the Grand Committee may think fit to bring before the General Meeting.

Annual
General
Meeting.

11. An Extra-Ordinary General Meeting may be called by the President at any time during the session or on the requisition of 40 members of the Gymkhana. Special Meetings can be called to discuss matters dealing with Gymkhana affairs only.

Extra-Ordinary
General
Meeting.

12. All members of the Gymkhana shall be entitled to vote in all matters connected with the management of the Gymkhana at General Meetings. All medical graduates serving on the staff of the Seth G. S. M. College and K. E. M. Hospital can take part

Right of
Voting.

in the discussion and vote at the General Meetings, Ordinary or Extra-Ordinary except that, so far as the election of the student members of the Gymkhana is concerned, they shall not vote.

Meetings of
the Grand
Ext., Deptt.
Committees.

13. There shall be at least one meeting of the Grand Committee every quarter and at least one meeting of the Executive Committee in a month. The Departmental Committees may hold their meetings as and when required for the transaction of business relating to their departments.

Special
Meetings of
the Executive
Committee.

14. (a) An Extra-Ordinary Meeting of the Grand Committee may be called by the President at any time during the session or on the requisition of ten members of the Grand Committee.

(b) A Special Meeting of the Executive Committee may be called by the President at any time during the session or on the requisition of three members of the Executive Committee. Not less than 24 hours' clear notice, stating the object of the meeting, shall be given.

Notice of
Meetings.

15. A seven days' clear notice shall be given for General Meetings, Ordinary and Extra-Ordinary, and three days' clear notice for Extra-Ordinary Meetings of the Grand Committee. The business to be transacted at these meetings shall be specified in the notice and copies of the notice for the meetings shall be posted on the notice-board. Any item not mentioned in the notice may be taken up with the permission of the President. A three days' clear notice shall be given for adjourned meetings.

Quorum.

16. One sixth number of members on the list of the Gymkhana or 30, whichever is less, shall form the quorum for general Meetings. For Meetings of the Grand and Executive Committees, 10 and 5 members shall form a quorum, respectively. For want of a quorum, or in the absence of the President or Vice-Presidents, the meetings shall be adjourned and at the adjourned meeting the business before the original meeting shall be proceeded with even in the absence of quorum and no business other than that mentioned in the agenda shall be transacted at the adjourned meeting without the necessary quorum.

Point of order
and casting
vote.

17. The presiding authority shall, at all meetings, keep order and decide all points of order, which decision shall be final. He shall have a casting vote in case of equality of votes.

VI. FINANCIAL.

Budget.

18. The Executive Committee shall, before 25th March every year, frame a budget of the estimated income and expenditure required for the next year after ascertaining the requirements of each department and submit it to the Grand Committee for

their sanction. The Grand Committee shall pass it before the 31st March and a copy of the Budget so passed will be furnished to each department and the Dean's Office. Grants sanctioned by the Corporation for the purpose of the Gymkhana shall be distributed by the Dean among the different departments with due consideration of the requirements of each.

19. Every department shall keep its expenditure within the budget grants. In case of excess without the sanction of the Grand Committee, the members of those departments shall be held personally responsible for the same. Excess on
Budget
Grants.

20. The accounts of the several departments shall be kept by Secretaries for those departments with due regard to the instructions issued by the Dean from time to time and the bills will be passed by the Dean's office on the certificate of the Departmental Secretary concerned provided funds exist. The Dean's office will keep the necessary statements &c. of the expenditure for the Dean's information. Accounts.

21. A surplus accruing from the Gymkhana Fees shall be credited to a special fund called the "Standing Sports Fund." This fund shall be utilised for (1) meeting the expenses of the proposals made by the departments for which no provision may have been made in the Budget and which are approved by the Executive Committee, and (2) for defraying any deficit in the accounts of the Gymkhana. No expenditure can be incurred from this fund without the sanction of the Grand Committee. Surplus.

VII. MISCELLANEOUS.

22. The Gymkhana year shall be from June to May of the following Year. Gymkhana
Year.

23. No alterations in or additions to the Rules of the Gymkhana shall be made unless passed at two special successive General Meetings of the Gymkhana called for the purpose and approved by the Dean of Seth G. S. M. College. The proposed alterations shall be posted up at least seven clear days before the date of the first meeting and only such amendments thereto as shall have been received by the President at least one clear day before the meeting shall be considered. Such alterations will come into force after they are adopted by a majority of two-thirds of those present at the meeting from the commencement of the following academic year unless otherwise specially stated in the Resolution. Rules—
alterations
in and
additions
to.

24. The Executive Committee acting in concert with the several Departmental Meeting Committees shall be empowered to make such bye-laws as they deem advisable for the regulation Bye-Laws.

of sports, etc., and the same shall be posted in the College for the information and guidance of the members.

Inspection
of Gym-
khana
Property.

25. The President or one of the Vice-Presidents with the General Secretary and a member of the Executive Committee shall examine the property of the Gymkhana at least once in each term.

Infringe-
ment of
the Rules.

26. The Executive Committee shall take immediate cognizance of any infringement of the Rules, and any member of the Gymkhana guilty of misbehaviour shall be dealt with according to the decision of the Committee.

27. If any member or members, wilfully or through negligence, damage any property belonging to the Gymkhana, the same shall be repaired by the Departmental Secretary concerned at the expense of the defaulting member or members, but any accidental damage shall be borne by the Gymkhana. The question whether the damage is accidental or not shall be decided by the Departmental Committee concerned and such decision shall be submitted to the President for his approval.

Gymkhana Trophies.

1926.—Inter-Collegiate Tennis Cups—

Doubles and Singles Championship Cups.

Doubles : M. M. Pandya.

N. R. Suvarna.

Singles : N. R. Suvarna.

1927.—*Inter-Collegiate Tennis Singles Championship Cups.*

Singles : N. R. Suvarna.

1928.—*Inter-Collegiate Tennis Championship Cups Singles and Doubles.*

Doubles : M. M. Pandya.

N. R. Suvarna.

Singles : N. R. Suvarna.

Medals, &c.

Poona Inter-Collegiate Athletic Tournament was held in September 1927. R. P. Dwivedi got a runner-up Middle Weight Championship Medal.

N. R. Suvarna went to Poona in December 1927 and won two Inter-Collegiate Championship Shields.

December 1927.—R. P. Dwivedi won the Wrestling Middle Weight Championship Medals in the Inter-Collegiate Athletic Tournament, and in the same year, Marshall D'Souza won Middle Weight Boxing Championship in the same Tournament.

Award of Cups and Medals to the College Gymkhana.

1. The Challenge Cup named "H. H. Sir DoulatSingji Limdi Cup" to be held for a year by the best all round Competitor at the Annual Sports of the College who shall also be awarded a small replica cup of the value of about Rs. 15.

2. "Shirwalkar-Cooper Cups" for Championship in Tennis (Singles and Doubles) at the College Annual Sports.

Seth Gordhandas Sunderdas Medical College Hostel.

Rules.

1. The supervision and control of the students residing in the Hostel will rest with the Warden, who resides on the premises.
2. Rooms are rented from the beginning of each term till the day preceding the next term and a fee of Rs. 28 is to be paid in advance at the beginning of each term.
3. Applications for rooms should be sent to the Dean on a prescribed form (which can be obtained from his office) together with Rs. 10 as Deposit Money for the proper use of Hostel Furniture. The deposit will be retained by the College as long as the student continues to reside in the Hostel.
4. Rooms will be distributed according to priority of application, seniority in course of studies and results at Examinations ; but the Dean may refuse admission to any applicant at his discretion or remove a student from the Hostel at any time as a disciplinary measure.
5. Those who fail to satisfy at the College or University Examinations will *not* be allowed to continue in the Hostel.
6. Students, who have been granted a room and fail to pay their Hostel fees by the appointed day, will be liable to forfeit their rooms, which will be allotted to the next deserving claimants. Only those students whose names appear on the distribution list will be permitted to occupy the rooms. Students found transferring their seats to others without the written permission of the Dean will forfeit their fees as well as their seats.
7. A student, residing in the College Hostel, who desires to give up the room allotted to him, on the expiry of the term for which the rent has been paid, *shall give a month's clear notice, in writing*, to that effect. In absence of such an intimation, he shall be liable to pay the rent *for the following term*.
8. There are four dining halls in the Hostel with attached separate kitchens. Students may join any of the four messes which will be run under their own management but under the general supervision of the Warden and the Dean of the College. Each mess will be held responsible for the cleanliness of its dining room, kitchen etc,

9. Residents are responsible for the cleanliness of their rooms, etc., and they should see that they are properly swept every day by the Hamals provided by the Hostel.

10. All waste paper and refuse must be placed in receptacles specially provided for that purpose.

11. Spitting is strictly prohibited in any of the rooms, passages, terraces, or staircases of the building.

12. Any damage to Hostel property including driving in nails and defacing of walls, fixtures or furniture will be made good (a) at the expense of the occupants of a room (b) at the expense of the occupants of a wing (c) at the expense of the occupants of a floor as the case may be.

13. The Hostel authorities do not hold themselves responsible for any loss of private property by the students residing in the Hostel.

14. Students must provide their own locks for their rooms in the Hostel.

15. Anything which interferes with studies must be avoided at all times and whatever disturbs sleep must cease by 9-30 p.m. (B. T.) at night.

16. Students are not allowed to enter each other's rooms without the express permission of the occupant.

17. All non-residents and guests must leave the Hostel premises by 8 p.m. (B. T.) as outsiders are not allowed to reside in the Hostel during the night except with the previous permission of the Warden.

18. A roll will be called at 10 p.m. (B. T.) and anyone wishing to stay out later than that time should apply for a late pass to the Warden.

19. The wall plugs supplied to each room are to be used for a table-lamp only and for no other purpose. Any infringement of this rule will be severely dealt with. The wall plugs will be allowed to be used for fans, etc. on payment of charges fixed by the Dean.

Students are warned against interfering with the electric fittings.

20. Students must switch off the lights when they are not in their rooms or before they retire to bed. Any infringement of this rule will be liable to punishment. Electric lights will be put out at 11 p.m. (B. T.)

21. The reading and circulation of newspapers and periodicals, etc. is subject to control of the Dean.

22. All cases of sickness must be immediately reported to the Warden.

23. No boarder shall indulge in any amusement which disturbs other boarders.

24. No out-door game is allowed inside the Hostel building.

The use of liquor in the Hostel premises is strictly prohibited.

25. No gathering or meeting of boarders shall be allowed in the Hostel premises without the previous sanction of the Dean. In applying for sanction, the specific object for which the meeting is intended to be convened shall be specified in the application made in writing and signed by three boarders at least and submitted through the Warden.

APPENDIX.

APPLICATION FOR RESIDENCE IN THE SETH GORDHANDAS SUNDERDAS MEDICAL COLLEGE HOSTEL, PAREL, BOMBAY (12).

(Form for New Hostelites.)

To
The Warden,
Seth G. S. Medical College Hostel,
BOMBAY (12).

Sir,
As I am a $\frac{\text{mofussil}^*}{\text{Bombay}}$ student and unable to obtain suitable
accommodation in Bombay with my friends or relatives, I request
you to assign me a Room in the College Hostel for $\frac{\text{Monsoon}^*}{\text{Winter}}$ Term
—19 .
Spring

*I am seeking admission to the.....Class
having passed my.....Examination in.....

Name and Address of parents or guardian--

.....

.....

.....

I beg to remain,
Sir,
Your most obedient pupil.

Dated.....

* Please strike out what is not required.

Hostel Application Form*For Old Hostelites.*

-To

The Warden,

Seth Gordhandas Sunderdas Medical College Hostel,
Parel, BOMBAY (12).

Sir,

I shall feel grateful if you will please retain my room
No.....on the.....floor in the Hostel. I am an old
student of your College studying in the.....class.

I beg to remain,

Sir,

Your most obedient pupil,

Dated.....

Address.....

.....

THE SETH GORDHANDAS SUNDERDAS MEDICAL
COLLEGE.

Application for free Studentship.

To

The Dean,

Seth Gordhandas Sunderdas Medical College,

Parel, BOMBAY No. 12.

Sir,

I beg to apply for a Free Studentship at the Seth G. S. M.
College as my circumstances do not permit me to pay the fees.
I beg to submit the following particulars for your favourable
consideration ;—

I beg to remain,

Sir,

Your most obedient student.

(Information to be supplied by the Student).

1. Full Name.....
2. Father's or Guardian's Full Name
3. Relationship of Guardian to the applicant, if any.....
4. Date of Birth.....
5. Caste, Sub-caste and Religion.....
6. Native place and District.....
7. Present address in full.....
8. Married or single.....
9. Profession or occupation of Guardian and.....
 - (a) Annual income of the family.....
 - (b) Number of earning members in the family.....
 - (c) Number of non-earning members in the family
-
10. Monthly income of the candidate derived from Scholarship,
private tuition, service or any other source.....
11. Examinations passed stating years, marks obtained in each
subject and distinctions, prizes or scholarships won
-
- Matriculation or School Leaving Examination.....
- P. E. or F. Y. Arts.....
- Inter. Science.....
- First M.B., B.S.
- Second M.B., B.S.

12. Material change, if any, in the financial condition of the applicant or of his family since admission to the College.....
13. Any other information in support of the application for Free Studentship.....

(Certificates to be signed by two persons of known respectability such as a Member of the Central or Local Legislature or of the Bombay Municipal Corporation, or a person occupying a respectable position in Government or Bombay Municipal Service, a High Court Pleader, Attorney, Barrister, Doctor, Engineer, Merchant, or an Educationist or by a person of recognised status in the District of the Applicant's Domicile.)

I certify that I have known the family of the applicant for the last.....years, that he is a person of good moral character and that the condition of his family is not such as to enable him to defray the expenses of his studies.

1. *Signature of the Certifier*
 2. *Occupation of the Certifier*.....
 3. *Full address of the Certifier*.....
- Date*.....19 .

I certify that I have known the family of the applicant for the last.....years, that he is a person of good moral character and that the condition of his family is not such as to enable him to defray the expenses of his studies.

1. *Signature of the Certifier*.....
 2. *Occupation of the Certifier*.....
 3. *Full address of the Certifier*.....
- Date*.....19 .

Conditions on which the free Studentship is granted.

1. Students receiving Free Studentships at the College and desirous of receiving outside help should obtain previous written permission of the Dean, failing which their Studentships will be liable to be terminated.

2. Students in receipt of free Studentships should be of good moral character, general good behaviour and strict observers of discipline. Any deviation of the above will render the Studentship liable to be forfeited.

3. Those holding Free Studentships are required to show steady progress in the classes, at the College Terminal and Annual Examination, as well as at the University Examinations. Failure in, or to appear in, any of the said Examinations will lead to the cancellation of the Free Studentship, unless in the opinion of the Dean, such failure is brought about by illness or such other valid cause beyond the control of the Student concerned.

4. Under-graduates studying at the Seth G. S. Medical College are eligible for a limited number of Free Studentships, which will be awarded annually either full or half. Applications for Free Studentships are generally received in the month of February and Free Studentships are granted for the period of one year with effect from the beginning of the Monsoon Term. They should be made on forms to be obtained from the College Office and should be accompanied by true copies of the Certificates (with the marks obtained) granted by the University Registrar for the Matriculation or School Leaving, Previous or First Year Arts, Inter. Science and the First and Second M.B., B.S. Examinations and by two Certificates from persons of known respectability as to their character and conduct and the financial condition of their families. Free Studentships will exempt the recipients thereof, from the total or half payment of the College Term Fees only, during the period of the tenure of the Free Studentships. They do not include exemptions from the payment of fees for Hospital Practice, for Infectious Diseases and Vaccination or of Hostel Rent, Gymkhana Fees, Microscope charges, etc.

JIVRAJ N. MEHTA,

Dean.

APPLICATION FOR ADMISSION TO THE SETH GORDHANDAS
SUNDERDAS MEDICAL COLLEGE, BOMBAY (12).

N. B.—To be completed throughout in BLOCK, *i. e.*

CAPITAL LETTERS.

- | | |
|---|-----|
| 1. Name in full
(beginning with Surname) | 1. |
| 2. Present Address in full
(to which a reply to
this application may
be sent). | 2. |
| 3. Religion and Caste. | 3. |
| 4. Date of birth. | 4. |
| 5. Birth place (giving District). | 5. |
| 6. Guardian's Name. | 6. |
| 7. Relationship of Guardian (if any). | 7. |
| 8. Occupation of Guardian. | 8. |
| 9. Permanent Address of Guardian. | 9. |
| 10. College where educated immediately prior to this application. | 10. |
| 11. Qualifying Examination
(with Subjects and Class). | 11. |
| 12. Date of passing the same. | 12. |
| 13. Any other qualification,
University degrees, etc., with
dates of passing the same. | 13. |
| 14. Name of the University from
which the Candidate passed
the Matriculation Examination
and the Year. | 14. |

Dated, Bombay, 19 .

Signature of Applicant.

