Regulations and Rules for Examination scheme leading to Post Graduate Degree, Diploma and Super specialty Courses in Medical Faculty

1. Nomenclature: Nomenclature of PG courses in the faculty of medicine is given as below.

No.	ENGLISH	
	I. PG COURSES: - *M.D. (Doctor of Medicine)*	
1	Doctor of Medicine (General Medicine)	
2	Doctor of Medicine (Pathology)	
3	Doctor of Medicine (Microbiology)	
4	Doctor of Medicine (Pharmacology)	
5	Doctor of Medicine (Community Medicine/ Preventive and Social Medicine)	
6	Doctor of Medicine (Paediatrics)	
7	Doctor of Medicine (Radiao-Diagnosis)	
8	Doctor of Medicine (Psychiatry)	
9	Doctor of Medicine (Dermatology, Venerology and Leprosy)	
10	Doctor of Medicine (Biochemistry)	
11	Doctor of Medicine (Forensic Medicine)	
12	Doctor of Medicine (Tuberculosis & Respiratory Medicine)	
13	Doctor of Medicine (Physiology)	
14	Doctor of Medicine (Anaesthesiology)	
15	Doctor of Medicine (Radio-Therapy)	
16	Doctor of Medicine (Anatomy)	
17	Doctor of Medicine (Hospital Administration)	
	II.* PG COURSES: - *M.S. (Master of Surgery)	
1	Master of Surgery (General Surgery)	
2	Master of Surgery (Orthopaedics)	
3	Master of Surgery (Otorhinolaryngology)	
4	Master of Surgery (Ophthalmology)	
5	Master of Surgery (Obstetrics & Gynaecology.)	
	III. POSTGRADUATE DIPLOMA COURSES	
1	P.G. Diploma in Dermatology, Venereology & Leprosy (D.D.V.L.)	

2	P.G. Diploma in Psychiatry (D.P.M.)	
3	P.G. Diploma in Paediatrics (D.C.H.)	
4	P.G. Diploma in Radio Diagnosis (D.M.R.D.)	
5	P.G. Diploma in Anaesthesialogy (D.A.)	
6	P.G. Diploma in Obstetrics & Gynaecology (D.G.O.)	
7	P.G. Diploma in Public Health (D.P.H.)	
8	P.G. Diploma in Forensic Medicine (D.F.M.)	
9	P.G. Diploma in Tuberculosis & Chest Diseases (D.T.C.D.)	
10	P.G. Diploma in Orthopaedics (D.Ortho.)	
11	P.G. Diploma in Otorhinolaryngology (D.L.O.)	
12	P.G. Diploma in Ophthalmology (D.O.)	
13	P.G. Diploma in Clinical Pathology (D.C.P.)	
14	P.G. Diploma in Diabetology (D.Diabet)	
15	P.G. Diploma in Hospital Administration (D.H.A.)	
16.	P.G. Diploma in Marine Medicine (D.M.M.)	
17	P.G. Diploma in Radiation Medicine (D.R.M.)	
	IV. SUPER SPECIALITY COURSES: - D.M. (Doctor of Medicine)	
1	Doctor of Medicine (Cardiology)	
2	Doctor of Medicine (Neurology)	
3	Doctor of Medicine (Nephrology)	
4	Doctor of Medicine (Medical Gastroenterology)	
5	Doctor of Medicine (Endocrinology)	
6	Doctor of Medicine (Clinical Pharmacology)	
7	Doctor of Medicine (Neonatology)	
8	Doctor of Medicine (Clinical Haematology)	
9	Doctor of Medicine (Medical Oncology)	
10	Doctor of Medicine (Reproductive Medicine)	
	V. SUPER SPECIALITY COURSES: - *M.Ch (Master of Chirurgie)*	
1	Master of Chirurgie (Cardio Vascular & Thoracic Surgery)	
2	Master of Chirurgie (Neuro Surgery)	
3	Master of Chirurgie (Pediatric Surgery)	
4	Master of Chirurgie (Plastic & Reconstructive Surgery)	
5	Master of Chirurgie (Urology)	
6	Master of Chirurgie (Surgical Gastroenterology)	
7	Master of Chirurgie (Surgical Oncology)	
	VI. PG COURSES: - M.SC. - MEDICAL BIOCHEMISTRY	
1	Master of science (Medical Biochemistry)	

2. Eligibility for Admission

2.1 MD / MS Degree and Diploma Courses: A candidate affiliated to this university and who has passed final year M.B.B.S. examination after pursuing a study in a medical college recognised by the Medical Council of India, from a recognised Medical College affiliated to any other University recognised as equivalent thereto, and has completed one year compulsory rotating internship in a teaching Institution or other Institution recognised by the Medical Council of India, and has obtained permanent registration of any State Medical Council shall be eligible for admission.

2.2 D.M and M.Ch Courses:

D.M.: Candidate seeking admission for D.M courses in any subject must posses recognised degree of MD (or its equivalent recognised degree) in the subject specified in the regulations of the Medical Council of India from time to time.

M.Ch : Candidate seeking admission for M.Ch course in any subject must posses recognised degree of MS (or its equivalent recognised degree) in the subject specified in the regulations of the Medical Council of India from time to time.

3. Attendance, Progress and Conduct

3.1 A candidate pursuing degree/diploma course should work in the concerned department of the institution for the full period as a full time student. No candidate is permitted to run a clinic/ laboratory/ nursing home while studying postgraduate course.

3.2 Each year shall be taken as a unit for the purpose of calculating attendance.

3.3 Every student shall attend symposia, seminars, conferences, journal review meetings, grand rounds, CPC, case presentation, clinics and lectures during each year as prescribed by the department and not absent himself / herself from work without valid reasons.

3.4 Every candidate is required to attend a minimum of 80% of the training during each academic year of the post graduate course. Provided further that leave of

any kind shall not be counted as part of academic term without prejudice to minimum 80% attendance of training period every year.

3.5 Any student who fails to complete the course in the manner stated above shall not be permitted to appear for the University Examinations.

4. Method of Training:

- The training given with due care to the Post Graduate students in the recognized institutions for the award of various Post Graduate medical degrees/diplomas shall determine the expertise of the specialist medical teachers produced as a result of the educational programme during the period of stay in the institution.
- Every institution undertaking postgraduate training programme shall set up an academic cell or a curriculum committee, under the chairmanship of a senior faculty member, which shall work out the details of the training programme in each specialty in consultation with other department faculty staff and also coordinate and monitor the implementation of these training programmes.
- The training programme shall be updated as and when required. The structured training programme shall be strictly followed, to enable the examiners to determine the training undergone by the candidates and the Medical Council of India inspectors to assess the same at the time of inspection.
- Postgraduate students shall maintain a record (log) book of the work carried out by them and the training programme undergone during the period of training including details of surgical operations assisted or done independently (for M.S./M.Ch. candidates).
- The record books shall be checked and assessed by the faculty members imparting the training.(Proforma attached)
- During the training for degree/diploma to be awarded in clinical disciplines, there shall be proper training in basic medical sciences related to the disciplines concerned; during the training for the degree to be awarded in basic medical sciences, there shall be training in applied aspects of the subject; and there shall be training in allied subjects related to the disciplines concerned. In all postgraduate training programmes, both clinical and basic medical sciences, emphasis is to be laid on preventive and social aspects and emergency care. Facilities for autopsies, biopsies, cytopsies, endoscopic and imaging etc., also be made available for training purposes.
- The postgraduate students shall be required to participate in the teaching and training programme of undergraduate students and interns.
- Training in medical audit, management, health economics, health information system, basics of statistics, exposure to human behaviour studies, knowledge of pharmaco- economics and introduction to non-linear mathematics shall be imparted to the postgraduate students.

- Implementation of training programmes for the award of various postgraduate degrees and diplomas shall include the following: -

(a) Doctor of Medicine (M.D.)/Master of Surgery (M.S.) -

(i) ***Basic Medical Sciences:*** Lectures, seminars, journal clubs, group discussions, participation in laboratory and experimental work, and involvement in research studies in the concerned specialty and exposure to the applied aspects of the subject relevant to clinical specialties.

(ii) ***Clinical disciplines:*** In service training, with the students being given graded responsibility in the management and treatment of patients entrusted to their care; participation in Seminars, Journal clubs, group discussions, clinical meetings, grand rounds,and clinico-pathological conferences; practical training in diagnosis,

Medical and surgical treatment; training in the basic medical sciences, as well as in allied clinical specialties.

(b) Doctor of Medicine (D.M.)/Master of Chirurgie (M.Ch.) -

The training programme shall be on the same pattern as for M.D./M.S. in clinical disciplines; practical training including advanced diagnostic, therapeutic and laboratory techniques, relevant to the subject of specialization. For M.Ch. candidates, there shall be participation in surgical operations.

(c) Diploma: -

In-Service training, with students being given graded clinical responsibility; lectures, seminars, journal clubs, group discussions and participation in clinical and clinico pathological conferences, practical training to manage independently common problems in the speciality; and training in the basic medical sciences.

5. PERIOD OF TRAINING:

a. The period of training for M.D./M.S. shall be three years including examination period provided that, in case of student having two years recognized PG Diploma course in the same subject the period of training shall be of two years.

b. Period of training for PG Diploma Course shall be two years viz. four academic terms including examination period.

c. Period of training for D.M./M.Ch. Course shall be three years viz. six academic terms including examination period.

d. Period of training for M.Sc. course shall be three years viz six academic terms including examination period.

6. PERIODIC TESTS:

- In case of degree courses of three years duration (MD/MS, DM, MCh.), the concerned departments may conduct three tests, two of them be annual tests, one at the end of first year and the other in the second year. The third test may be held three months before the final examination. The tests may include

written papers, practicals / clinical and viva voce. Records and marks obtained in such tests will be maintained by the Head of the Department and sent to the University, when called for.

- In case of diploma courses of two years duration, the concerned departments may conduct two tests, one of them be at the end of first year and the other in the second year three months before the final examination. The tests may include written papers, practicals / clinical and viva voce.
- *Records:* Records and marks obtained in tests will be maintained by the Head of the Department and will be made available to the University.

7. Monitoring Learning Progress

It is essential to monitor the learning progress of each candidate through continuous appraisal and regular assessment. It not only helps teachers to evaluate students, but also students to evaluate themselves. The monitoring should be done by the staff of the department based on participation of students in various teaching / learning activities. It may be structured and assessment be done using checklists that assess various aspects.

The learning out comes to be assessed should included: (i) Personal Attitudes, (ii) Acquisition of Knowledge, (iii) Clinical and operative skills, (iv) Teaching skills and (v) Dissertation.

i) ***Personal Attitudes.*** The essential items are:

- Caring attitudes
- Initiative
- Organisational ability
- Potential to cope with stressful situations and undertake responsibility
- Trust worthiness and reliability
- To understand and communicate intelligibly with patients and others
- To behave in a manner which establishes professional relationships with patients and colleagues
- Ability to work in team
- A critical enquiring approach to the acquisition of knowledge

The methods used mainly consist of observation. It is appreciated that these items require a degree of subjective assessment by the guide, supervisors and peers.

ii) ***Acquisition of Knowledge***: The methods used comprise of `Log Book' which records participation in various teaching / learning activities by the students. The number of activities attended and the number in which presentations are made are to be recorded. The log book should periodically be validated by the supervisors. Some of the activities are listed. The list is not complete. Institutions may include additional activities, if so, desired.

- *Journal Review Meeting (Journal Club):* The ability to do literature search, in depth study, presentation skills, and use of audio- visual aids are to be assessed. The assessment is made by faculty members and peers attending the meeting using a checklist

- *Seminars / Symposia:* The topics should be assigned to the student well in advance to facilitate in depth study. The ability to do literature search, in depth study, presentation skills and use of audio- visual aids are to be assessed using a checklist
- *Clinico-pathological conferences:* This should be a multidisciplinary case study of an interesting case to train the candidate to solve diagnostic and therapeutic problems by using an analytical approach. The presenter(s) are to be assessed using a check list similar to that used for seminar.
- *Medical Audit:* Periodic morbidity and mortality meeting be held. Attendance and participation in these must be insisted upon. This may not be included in assessment.

iii) ***Clinical skills***

- *Day to Day work:* Skills in outpatient and ward work should be assessed periodically. The assessment should include the candidates' sincerity and punctuality, analytical ability and communication skills
- *Clinical meetings:* Candidates should periodically present cases to his peers and faculty members. This should be assessed using a checklist
- *Clinical and Procedural skills:* The candidate should be given graded responsibility to enable learning by apprenticeship. The performance is assessed by the guide by direct observation. Particulars are recorded by the student in the log book.

iv) Teaching skills: Candidates should be encouraged to teach undergraduate medical students and paramedical students, if any. This performance should be based on assessment by the faculty members of the department and from feedback from the undergraduate students

8. SCHEME OF EXAMINATION AND PASSING HEADS:

a) University shall conduct examination at the end of three academic years for M.D, M.S., D.M., M.Ch. & M.Sc. and at the end of two academic years for diploma courses. University shall conduct not more than two examinations in a year, with an interval of not less than four and not more than six months between the two examinations.

b) M.D/M.S. examination in any subject shall consist of thesis, theory papers and clinical/practical and oral examination.

c) D.M./M.Ch. examination in any subject shall consist of theory and clinical/practical and oral examination.

d) Postgraduate diploma in any subject shall consist of theory, practical/clinical and oral examination.

e) Passing head and standard of Passing: -

There will be two heads of passing: -

(i) Four/Three papers of theory shall form one head of passing

(ii) Clinical, oral, and practical taken together shall form the second head of Passing.

(iii) A candidate must pass in both the heads that is the whole examination at one and in the same attempt. A candidate passing in one head and failing to pass in the other head will be declared fail and shall not be entitled to any exemption in the subsequent attempt.

f) To pass a candidate must obtain: -

(i) Fifty percent of the total marks in theory examination (Total of all the three/four papers must be 50% of the total marks of theory). and

(ii) Fifty percent of the total marks in clinical, oral and practical taken together.

g) *Declaration of distinction:* A successful candidate passing the University examination in first attempt will be declared to have passed the examination with distinction, if the grand total aggregate marks is 75 percent and above. Distinction will not be awarded for candidates passing the examination in more than one attempt.

9. SCHEME OF THEORY EXAMINATION:

- There shall be four theory papers at M.D./M.S. examinations, of 100 marks each.
- There shall be four theory papers at M.Ch./D.M. examinations, of 100 marks each.
- There shall be three theory papers in Diploma examinations, of 100 marks each.
- There shall be four theory papers at M.Sc. examination of 100 marks each..
- Each Paper shall be of 3 hours duration.

Pattern of Question Paper is same for M.D./M.S./D.M./M.Ch/ M.sc and Diploma as given below

Q. No.	Nature of Questions	Division of Marks	Total Marks
1.	Long Answer Question	1 X 20	20 Marks
2.	Long Answer Question	1 X 20	20 Marks
3.	6 SAQs (a) (b) (c) (d) (e) (f)	6 X 10	60 Marks
• Their shall be Three Long answer Questions where the candidate has to attempt any Two out of Three • Their shall be Eight Short answer Questions where the candidate has to attempt any Six out of Eight			

PAPER WISE DISTRIBUTION OF TOPIC IS AS GIVEN BELOW.

PG COURSES: - M.D.

SN	COURSE TITLE	SUBJECT NAME	PAPER NO. & TOPICS
1.	**M.D.**	GENERAL MEDICINE	I. Basic Sciences in General Medicine, Genetics, and Nutrition.
			II. Cardio-Vascular system, Respiratory System Nephrology, Rheumatology, Immunology, Infectious diseases, Dermatology.
			III. Gastroenterology, Nervous system, Psychiatry, Hematology, Oncology, Endocrinology, Miscellaneous.
			IV. Recent Advances in General Medicine.
2	**M.D.**	PATHOLOGY	I. General Pathology including General Neoplasia, Immunopathology and cytopathology.
			II. Systemic Pathology including Systemic Neoplasia.
			III. Haematology, Transfusion medicine, Immunohaematology including Recent Advances.
			IV. Clinical Pathology, Chemical Pathology, Pathology of infectious diseases, Recent Advances.
3.	**M.D.**	MICROBIOLOGY	I. General Microbiology & Immunology
			II. Systemic Bacteriology,
			III. Mycology & Virology
			IV. Parasitology & Recent Advances
4	**M.D.**	PHARMACOLOGY	I. Screening and evaluation of drugs (Animal and Clinical), Clinical Pharmacology, General Pharmacology, Biostatistics.
			II. Systemic Pharmacology
			III. Applied Pharmacology including Therapeutics, Miscellaneous topics (GIT, RS. Autocolds, vitamins, skin, ocular Pharmacology, Immunopharmacology, chelating agents, Drugs and Pregnancy)
			IV. Recent Advances.

5	M.D.	PREVENTIVE & SOCIAL MEDICINE (COMMUNITY MEDICINE)	I. a. History of Public Health and Community Medicine. b. Behavioural sciences and Health c. Information, Education, Communication and Counselling d. Microbiology including Entomology, Parasitology and Immunology e. Environmental health and Ecology, Public Health Chemistry f. General Epidemiology, Biostatistics and Research Methodology g. Concept of health and disease
			II. a. Diet and nutrition in health and disease b. Epidemiology of communicable diseases and non-communicable diseases c. Occupational Health d. Genetics and Counselling
			III. a. Maternal Health, Child Health, RCH Demography and Family welfare b. Cares of special groups viz. school health, adolescent health and Geriatrics c. Care of disabled, Community based Rehabilitation Tribal Health d. Public Health emergencies and calamities
			IV. a. Health and Hospital Administration b. Health care delivery including National health programmes c. Public health legislation d. Mental health e. International health f. Voluntary Health Organisation, NGO'S g. Management and Health h. Health Economics i. Recent Advances

6.	**M.D.**	PAEDIATRICS	I.	Basic Sciences of Anatomy, Physiology related to genetic.
			II.	Neonatology, Social Sciences related to Paediatrics
			III.	Systemic diseases in Paediatrics: - Respiratory Cardiology, C.V.S., Neurology, Haematology, Nephrology, Rheumatology, Immunology, Metabolic, Gastroenterology, Growth and Development, Congenital and acquired disorder of ear, nose, throat and joints, Endocrine System and Miscellaneous diseases.
			IV.	Recent advances in Paediatrics
7.	**M.D.**	RADIO- DIAGNOSIS	I.	Radiation physics, Protective measures & Physics involving imaging techniques and related basic sciences e.g. Anatomy, Physiology and Pathology.
			II.	Radiological Imaging in congenital & systemic diseases - I
			III.	Radiological Imaging in congenital & systemic diseases - II
			IV.	Miscellaneous, Radiological procedures, Interventional Radiology, Recent advances and newer techniques.
8	**M.D.**	PSYCHIATRY	I.	Basic Sciences and application
			II.	Neuro Psychiatry
			III.	Clinical Psychiatry Part - I
			IV.	Clinical Psychiatry Part II Recent Advances
9.	**M.D.**	DERMATOLOGY, VENEREOLOGY, LEPROSY,	I.	Basic Science in relation to Dermatology, Venereology, Leprosy, Cosmetology, Dermatosurgery and HIV/AIDS
			II.	Skin Diseases, Deramatotherapeutics, Cosmetology and Dermatosurgery.
			III.	HIV/AIDS, Venereology and
			IV.	Recent advances

10.	**M.D.**	BIOCHEMISTRY	I.	General Biochemistry and Instrumentation
			II.	Metabolism and Nutrition
			III.	Clinical Biochemistry
			IV.	Molecular Biology, Biotechnology & Recent Advances in clinical Biochemistry
11.	**M.D.**	FORENSIC MEDICINE	I.	Applied Basic Sciences
			II.	Forensic Path. & Clinical Forensic Medicine
			III.	Medical Juris, Relevant Laws, Legal Procedures
			IV.	Forensic Toxicology, Forensic Science, recent advances & Modern Trends.
12.	**M.D.**	TUBERCULOSIS AND RESPIRATORY MEDICINE OR PULMONARY MEDICINE	I.	Basic Sciences - Anatomy, Physiology, Pathology, Microbiology, Pulmonary and extra pulmonary T.B., Public Health, Surgical aspects.
			II.	Non-Tubercular Pulmonary Diseases.
			III.	Internal Medicine as applied to pulmonary Medicine.
			IV.	Recent advancement in pulmonary medicine.
13.	**M.D.**	PHYSIOLOGY	I.	General physiology, Cellular physiology, Applied Biochemistry, Biophysics and Biostatistics, History of Physiology, Comparative Physiology
			II.	Nerve muscle, Blood, Cardiovascular system, Respiratory System, Gastrointestinal system, Renal Physiology.
			III.	Endocrine, special senses, Nervous system, Reproductive system
			IV.	Exercise Physiology, Nutrition, recent advances, Medical education technology, stress relaxation, medical ethics & applied physiology.

14.	**M.D.**	ANAESTHESIOLOGY	I. Basic Sciences related to Anaesthesia (History, Anatomy, Physiology, Pharmacology, Pathology, Physics, Instrument & Equipments, etc.)
			II. Theory & Practice of Anaesthesia 1. Cardio Vascular System. 2. Respiratory System. 3. Neuro Surgery. 4. Obstetrics & Gyanecology 5. Orthopaedics. 6. Ophthalmology.
			III. Theory & Practice of Anaesthesia 1. Paediatrics. 2. Renal & Hepatic system. 3. Enorcrines. 4. Haemopoitics. 5. Geriatrics 6. E.N.T. 7. Out Patient Anesthesia & Dental Anaesthesia. 8. Nerve Blocks.
			IV. Recent Advances in Anaesthesia. Applied Medicine in Relation to Anaesthesia. Theoretical Aspects of pain and pain relief including postoperative & Cancer Pain.
15.	**M.D.**	RADIO THERAPY	I. Radiation Physics, Radio biology & Basic Medical Sciences
			II. Principles, Practice & Techniques of Radio Therapy & oncology
			III. Principles & Practice of Chemotherapy & Radiotherapy
			IV. Recent Advances in oncology (Radiotherapy & Chemotherapy)
16.	**M.D.**	ANATOMY	I. General and gross anatomy including corresponding microanatomy and embryology and clinical anatomy of Head, Face, Neck and Thorax.
			II. Gross anatomy including corresponding microanatomy and Embryology and clinical anatomy of Abdomen, Pelvis and Perineum and superior and inferior extremity.
			III. Neuroanatomy including corresponding microanatomy, embryology and clinical anatomy.
			IV. Genetics, Radiological Anatomy, Sectional Anatomy, Clinical Anatomy and Recent Advances.
17.	**M.D.**	HOSPITAL ADMINISTRATION	I. General Administration and Management in Hospital Field.
			II. Health Administration and Medical Care
			III. Hospital Administration and Hospital Planning
			IV. Administration of Clinical and Non Clinical Services and Administration Procedures. Recent

			advances

PG COURSES: - M.S.			
SN	**COURSE TITLE**	**SUBJECT NAME**	**PAPER NO. & TOPICS**
1	**M.S.**	GENERAL SURGERY	I. Basic Sciences: Anatomy, Physiology and Other basic science topics covered in syllabus including Introduction to Surgery, Basic Surgical Principles. Wounds, tissue repair and scars. Critical care; fluid, electrolyte and acid-base balance; blood transfusion. Nutritional support and rehabilitation. Anaesthesia and pain relief. Wound infection. Special infections. Acquired immunodeficiency Syndrome (AIDS). Sterile precautions. Transplantation. Tumours, Cysts, Ulcers, Sinuses. Plastic and reconstructive surgery, skin lesions. Burns. Arterial disorders. Venous disorders. Lymphatic system. Day surgery. Audit in surgery. Surgical ethics.
			II. General Surgery Including Clinical Surgery: Eye and orbit. Cleft lip and palate, developmental abnormalities of the face, palate, jaws and teeth. Maxillofacial injuries. Nose and sinuses. Ear. Oral and oropharyngeal cancer and procancer. Salivary gland disorders. Pharynx, larynx and neck. Thyroid gland and the thyroglossal tract. Parathyroid and Adrenal glands. Breast. Thorax. Heart and Pericardium.
			III. General Surgery Including Subspecialties: Anastomoses, Oesophagus. Stomach and duedenum. Liver. Spleen. Gallbladder and bile ducts. Pancreas. Peritoneum, omentum, mesentery and retroperitoneal space. Small and large intestines. Intestinal obstruction. Vermiform appendix. Rectum. Anus and anal canal. Hernias, Umbillicus, Abdominal wall. Principles of Laparoscopic surgery.
			IV. Recent Advances: Orthopedics: Musculoskeletal disorders. Fracture and Dislocations - General, specific. Diseases of bones and joints - infection, tumours, generalised diseases and chronic joint diseases, congenital disorders. Wrist and hand. Foot. Nervous system: Neurological disorders affecting the musculoskeletal system. Spine, vertebral column and spinal cord. Nerves. Cranium (Scalp, skull, brain). Genito -Urinary System: Urinary symptoms, Investigation of the urinary tract, anuria. Kidneys and ureters. Urinary bladder. Prostate and seminal vesicles. Urethra and penis. Testis and scrotum.

2.	**M.S.**	OPHTHALMOLOGY	I. Anatomy, Physiology and optics of the eye.
			II. Ophthalmic Medicine and Surgery.
			III. Ophthalmology in relation to medicine
			IV. All New Techniques and innovations in Ophthalmology.
3.	**M.S.**	OTORHINOLARYNGOLOGY	I. Basic sciences including pharmacology in relation to ENT and recent advances.
			II. Diseases of Ear and Recent Advances.
			III. Diseases of Nose and Para nasal Sinuses and recent advances.
			IV. Diseases of Throat, Head and Neck include Tracheobronchial tree and Oesophagus Recent Advances.
4.	**M.S.**	ORTHOPAEDICS	I. Basic and Applied Sciences as related to Orthopaedics
			II. Orthopaedics Traumatology
			III. Orthopaedic Diseases
			IV. Recent Advances
5.	**M.S.**	OBSTETRICS AND GYNAECOLOGY	I. Basic Sciences in Obstetrics and Gynaecology including the diseases of the newborn.
			II. Clinical Obstetrics includes newborn.
			III. Clinical Gynaecology.
			IV. Recent Advances in Ob/Gy.

PG COURSES: - D.M.				
SN	**COURSE TITLE**	**SUBJECT NAME**	**PAPER NO. & TOPICS**	
1	**D.M.**	CARDIOLOGY	I.	Basic Medical Sciences as applied to Cardiology.
			II.	Principles and practice of Cardiology.
			III.	Principles and practice of Cardiology.
			IV.	Recent advances
2	**D.M.**	NEUROLOGY	I.	Basic Neurosciences
			II.	Clinical Neurology
			III.	Applied Neurosciences: Neuroradiology, Neurophysiology and Neuropathology
			IV.	Recent advances in Neurology.
3	**D.M.**	NEPHROLOGY	I.	Basic Medical Science as related to Nephrology.
			II.	Nephrology.
			III.	Medicine and Surgery as related to Recent advances Nephrology.
			IV.	Recent advances in Nephrology
4	**D.M.**	MEDICAL GASTRO- ENTEROLOGY	I.	Basic Medical Science applied Gastroenterology and Hepatology
			II.	Clinical Gastro-Enterology and Hepatology, Pathology & Pathophysiology
			III.	Diagnostic and therapeutic endoscopies, Other interventional procedures related to Gastro-Enterology and Hepatology
			IV.	Recent advances in Clinical Gastroenterology, Liver Diseases, Endoscopies
5	**D.M.**	ENDOCRINOLOGY	I.	Basic Sciences & applied Endocrinology
			II.	Clinical Endocrinology
			III.	Clinical Endocrinology
			IV.	Recent advances in Endocrinology

6.	**D.M.**	CLINICAL PHARMACOLOGY	I. Basic Clinical Pharmacology including Medical Statistics and Pharmacokinetics.
			II. Recent advances in clinical pharmacology and therapeutics
			III. General Pharmacological and Methodologies of clinical drug development, drug evaluation and clinical trials.
			IV. Systemic Clinical Pharmacology including therapeutics
7.	**D.M.**	NEONATOLOGY	I. Basic Sciences, Perinatology, Research Methods, Genetics, and Nutrition.
			II. Clinical Neonatology. All body systems
			III. Clinical Neonatology, Community Neonatology, National M.Ch. Programme, Allied disciplines such as national surgery phthalmology, Orthopaedics, imaging, dermatology, Neuro development follow up,
			IV. Recent Advances in Neonatology
8.	**D.M.**	CLINICAL HAEMATOLOGY	I. Basic Sciences - Structure function of the homoeopathic System, molecular biology and genetic aspects of haematpoiesis.
			II. Laboratory & clinical Haematology
			III. Haemato-oncology
			IV. Recent advances in Haematology, Haemato-oncology, & Transfusion Medicine.
9.	**D.M.**	MEDICAL ONCOLOGY	I. Basic Sciences, includes cancer biology, Tumor immunology, cancer etiology, Pharmacology, Radiation Biology, Tumor Pathology.
			II. Principles of Medical Oncology, Management of solid tumors
			III. Haemato-oncology
			IV. Cancer Epidemiology, Prevention, Psycho-oncology, Rehabilitation, Societal Oncology.
10.	D.M.	REPRODUCTIVE MEDICINE	I. Basic Medical Sciences as applied to Reproductive Medicine
			II. Clinical Reproductive Medicine.
			III. Clinical Reproductive Medicine.
			IV. Recent advances in Reproductive Medicine.

PG COURSES: - M.Ch.			
SN	**COURS E TITLE**	**SUBJECT NAME**	**PAPER NO. & TOPICS**
1.	**M.Ch.**	UROLOGY	I. Basic Sciences in Urology
			II. Urology
			III. Subspeciality of Urology
			IV. Recent Advances
2.	**M.Ch.**	PAEDIATRIC SURGERY	I. Basic Sciences in Paediatric Surgery
			II. Systemic including Urology
			III. Systemic including Thoracic
			IV. Recent Advances
3.	**M.Ch.**	CARDIO VASCULAR THORACIC SURGERY	I. Basic Sciences as applied to CardioVascular & Thoracic Surgery
			II. Practice of Cardio-Vascular and Thoracic Surgery
			III. Practice of Cardio - Vascular and Thoracic Surgery
			IV. Recent advances in Cardio - Thoracic Surgery
4.	**M.Ch.**	PLASTIC AND RECONSTRUCTIVE SURGERY	I. Basic Sciences related to Plastic Surgery
			II. Clinical and systemic plastic surgery
			III. Clinical and systemic plastic surgery
			IV. Recent Advances
5.	**M.Ch.**	NEURO SURGERY	I. Basic Sciences as applied to Neuro Surgery
			II. Practice of Neurosurgery
			III. Practice of Neurosurgery
			IV. Recent Advances in Neuro Surgery
6.	**M.Ch.**	SURGICAL GASTROENTEROL OGY	I. Gl Anatomy and Gl Physiology (Applied aspects). Gl Pathology, Immunology, Biochemistry, Microbiology and Radiology applied aspects.
			II. Clinical Surgical Gastroenterology
			III. Clinical Surgical Gastroenterology
			IV. Recent advances in surgical Gastroenterology.
7.	**M.Ch.**	SURGICAL ONCOLOGY	I. Basic Sciences.
			II. Principles of Oncology
			III. Clinical practice of Surgical Oncology
			IV. Recent Advance in Oncology.

PG COURSES: - DIPLOMA			
SN	**COURSE TITLE**	**SUBJECT NAME**	**PAPER NO. & TOPICS**
1.	**D.D.V.L.**	DIPLOMA IN DERMATOLOGY VENEREOLOGY AND LEPROSY	I. Basic Sciences in relation to Dermatology, Venereology, Leprosy Dermatosurgery and HIV/AIDS.
			II. Skin diseases, Dermatotherapeutics, Cosmetology and Dermatosurgery
			III. HIV/AIDS, Venereal diseases and leprosy.
2.	**D.P.M.**	DIPLOMA IN PSYCHIATRY	I. Basic Sciences and Application
			II. Clinical Psychiatry
			III. Recent Advances in Neuro Psychiatry, Liasion Psychiatry,
3.	**D.C.H.**	DIPLOMA IN PAEDIATRIC	I. Basic Sciences of Anatomy, Physiology related to Paediatrics and Genetics.
			II. Neonatology, social sciences related to Paediatric.
			III. Systemic disease in Paediatrics Respiratory cardiology, CVS, Neurology, Haematology, Nephrology, Rheumatology, Immunology, Gastroenterology, growth and development. Congenital & acquired disorder of Eye care, Nose, Throat and joints, Endocrine system and miscellaneous diseases.
4.	**D.M.R.D.**	DIPLOMA IN RADIO DIAGNOSIS	I. Radiation Physics, Protective measures and Physics involving imaging techniques. Same as M.D.
			II. Radiological imaging in congenital and systemic diseases. (Respiratory system, Cardio Vascular System, Gastro Intestinal Tract, Skeletal system, Genito Urinary system.)
			III. Hepato-biliary system, CNS, Miscellaneous, Radiological procedures and Interventional Procedures & Interventional Radiology.

5.	**D.A.**	DIPLOMA IN ANAESTHESIALOGY	I. Basic Sciences related to Anaesthesia (History, Anatomy, Physiology, Pharmacology, Pathology, Physics, Instrument & Equipments, etc.)
			II. Clinical Practice of Anaesthesia. 1. Cardio Vascular System. 2. Respiratory System. 3. Neuro Surgery. 4. Paediatrics 5. Obstetrics & Gynecology. 6. Orthopaedics. 7. Renal & Hepatic System. 8. Ophthalmology.
			III. Clinical Practice of Anaesthesia. 1. ENT 2. Endocrines. 3. Geriatrics 4. Outpatient Anaesthesia & Dental Anaesthesia. 5. Critical Care - includes Basic Life Support (Cardio Pulmonary Resuscitation), Post operative care of all surgical patients, Management of poisoning, snake bite, unconscious patients. - Respiratory Therapy.
6.	**D.G.O.**	DIPLOMA IN OBST. & GYNAECOLOGY	I. Obstetrics including the diseases of newborn.
			II. Gynaecology, Gynaecological Pathology & Operative Gynaecology.
			III. Medical and surgical diseases complicating obstetrics & Gynaecology, social obstetrics & Gynaecology including M.CH. & F. W.
7.	**D.P.H.**	DIPLOMA IN PUBLIC HEALTH	I. A. Biostatistics. B. Principles of dietetics and nutrition. C. Nutrition Surveys and malnutrition. D. Microbiology and Medical Entomology. E. Genetics.
			II. A. Public Health administration and Laws B. Maternal and child Health. C. Sociology, Psychology and Social Anthropology D. Communicable and non- communicable diseases including epidemiology and control. E. General Medicine as related to Public Health.
			III. Diseases of Infancy and Child-Hood, Child Psychology and Psychiatry, Genetics, Social Occupational Health and Preventive Paediatrics.

8.	**D.F.M.**	DIPLOMA IN FORENSIC MEDICINE	I. Applied Basic Sciences Forensic Science, Recent Advances & Modern trends.
			II. Forensic pathology and clinical forensic medicine and Psychiatry
			III. Forensic Toxicology medical juries relevant laws, legal procedures.
9.	**D.T.C.D.**	DIPLOMA IN TUBERCULOSIOS & CHEST DISEASES	I. Basic science - Anatomy, Physiology, Pathology, Microbiology, Pulmonary and extra pulmonary T.B., public health, surgical aspects and recent advances.
			II. Non Tubercular pulmonary diseases and recent advances
			III. Internal Medicine as applied to pulmonary medicine recent advances
10.	**D. ORTHO**	DIPLOMA IN ORTHOPAEDICS	I. Anatomy, Physiology and Pathology as applicable to Orthopaedics.
			II. Traumatology and general Surgery.
			III. General Orthopaedics
11.	**D.L.O.**	DIPLOMA IN OTO-RHINO LARYNGOLOGY	I. Diseases of Ear, basic sciences related to otology and Recent Advances related to Otology.
			II. Diseases of Nose and Para nasal Sinuses, basic Sciences related to Nose and Para nasal Sinuses and recent advances related to Rhinology.
			III. Diseases of Throat, Head and Neck including tracheobronchial tree and Oesophagus and Basic Sciences and recent Advances related to that.
12.	**D.O.**	DIPLOMA IN OPHTHALMOLOGY	I. Anatomy, Physiology and Optics.
			II. Ophthalmic Medicine and surgery.
			III. Ophthalmology related to systemic diseases and new innovations and techniques in Ophthalmology.
13.	**D.C.P.**	DIPLOMA IN CLINICAL PATHOLOGY	I. General Pathology including Applied Microbiology and Immunopathology.
			II. Systemic Pathology and Cytopathology
			III. Hematology, Blood Banking, Clinical Pathology, And Chemical Pathology.

14.	**D.D.**	DIPLOMA IN DIABETOLOGY	I. Basic Sciences and Nutrition as applied to Diabetology
			II. General Medicine including recent advances as applied to patients with Diabetes
			III. Clinical Diabetes and recent advances
15.	**D.H.A.**	DIPLOMA IN HOSPITAL ADMINISTRATION	I. Public Health & Medical Care
			II. General Management & Administration.
			III. Administration of clinical & Non Clinical Services
16.	**D.M.M.**	DIPLOMA IN MARINE MEDICINE	I. Diving Medicine
			II. Submarine Medicine
			III. Surface ships and shore support
17.	**D.R.M.**	DIPLOMA IN RADIATION MEDICINE	I. Basic Sciences & Instrumentation
			II. Radio pharmaceuticals & radio immunoassay
			III. Clinical Nuclear Medicine

PG COURSES: - M.Sc. - Medical Biochemistry

S.N.	COURSE TITLE	SUBJECT NAME	PAPER NO. & TOPICS
1.	**M.Sc.**	BIOCHEMISTRY	I. General Biochemistry and instrumentation
			II. Metabolism and Nutrition
			III. Clinical Biochemistry
			IV. Molecular Biology, Biotechnology & recent advances in clinical Biochemistry

Note:

- ***The topics assigned to the different papers are generally evaluated under those sections, however a strict division of the subject may not be possible and some overlapping of topics is inevitable as the syllabus of exam is very wide. Hence the Students should be prepared to answer overlapping topics also.***
- ***No claim of any student shall be considered regarding distribution of topic in various exam papers.***
- ***Questions on recent advances may be asked in any or all the papers***

10. SCHEME OF PRACTICAL EXAMINATION: -

i) Clinical examination for the subjects in clinical sciences shall be conducted to test the knowledge and competence of the candidates for undertaking independent work as a specialist/teacher, for which candidate shall examine a minimum one long case and two short cases.

ii) Practical examination for the subjects in Basic Medical Sciences shall be conducted to test the knowledge and competence of the candidate for making valid and relevant observations based on the experimental/Laboratory studies and his ability to perform such studies as are relevant to his subjects.

iii) The oral examination shall be through and shall aim at assessing the candidate's knowledge and competence about the subject, investigative procedures, therapeutic technique and other aspects of the Speciality, which form a part of the examination.

iv) The maximum number of candidates to be examined in clinical/Practical and viva on any day shall not exceed 8 for M.D./M.S. degree, 8 for diploma and 3 for D.M./M.Ch. examinations.

v) All the 4 Examiners will sit together to examine the candidate for long cases. At least one internal & one external examiner would assess the candidate for short cases. All 4 examiners will conduct viva voce.

1. M.D. (GENERAL MEDICINE) PRACTICAL SCHEME: -

SN	Heads	Description	Marks	Preparation time	Assessment time
1.	Long Cases (Two)	1Neurology case 1Non-Neurology case	100 each =200	45 min each	20 min
2.	Short Cases (Two)	Of systems other than the system of long cases	50 each = 100	15 min each	10 min
3.	Viva (Four Tables)	Radiology (X-Rays, CT, MRI)	25		5 min
		ECG/Lab investigations	25		5 min
		Therapeutics	25		5 min
		Emergencies	25		5 min
		TOTAL PRACTICAL MARKS	**400**		

2. M.D. (PATHOLOGY) PRACTICAL SCHEME: -

SN.	Exercises	Maximum Marks
1	Histopathology slides (25 slides, 5 marks each)	125
2	Clinical case	75
3	Haematology & Cytology slides (15 slides, 5 marks each)	75
4	Grossing	35
5	Autopsy	20
6	Histotechniques	15
7	Serology	15
8	Viva Voce	40
Total Marks		**400 Marks**

Day 1: - i) Clinical case will include

Urine examination	15
Biochemical test-1	15
Haemogram	15
Special haematology test-1	15
Case discussion	15
Autopsy/reconstructed autopsy	20
Gross/Morbid Anatomy	35
Haematology and Cytology Slides - (5 x 15) (6 & 9 slides respectively, five minutes duration for each slide.)	75
Total Marks	**205 marks**

Day 2: -

i) Histopathology slides-25 slides (The candidate should be assessed so as to evaluate performance in identifying common as well as rare lesions). Five minutes duration for each slide.	125
ii) Serology technique (Including routine serology and Blood Bank techniques)	15
iii) Histopathological Techniques 1) Block cutting and staining H & E 2) Special stain 1	15
iv) Viva Voce: - Student will be examined by all the Examiners together, for Subject knowledge, comprehension, analytical approach, expression and interpretation of data, and will include discussion related to dissertation.	40
Total Marks	**195 marks**

3. M.D. (MICROBIOLOGY) PRACTICAL SCHEME: -

SN.	EXERCISE/VIVA	MAXIMUM MA
	A] LONG EXERCISE BACTERIOLOGY	**50**
	B] SHORT EXERCISES	
1	Bacteriology short exercise	30
2	Mycobacteriology/special staining	10
3	Exercise in Virology	30
4	Exercise in Immunology	30
5	Exercise in Mycology	30
6	Exercise in Parasitology	30
7	Serology/Exercise	30
8	Identification of slides	30
9	Microteaching/Pedagogy	30
	Total of Short-exercises (B)	**250**
	C] ORAL (VIVA VOCE)	**100**
	TOTAL of A, B, C	**400**

Day 1	Day 2	Day 3
Long exercise Bacteriology	Bacteriology Long exercise (contd.)	Bacteriology Long exercise
Bacteriology Short Exercise	Bacteriological Short Exercise (conclude)	Identification of slides
		Pedagogy
Mycobacteriology	Exercise in Mycology	Oral (Viva - voce) Including on Dissertation
Exercise in Virology	Exercise in Parasitology Exercise in Immunology	
Mycology Exercise	Serology Exercise	

4. M.D. (COMMUNITY MEDICINE) PRACTICAL SCHEME : -		
SN	**Heads**	**Marks**
1.	Family Study: (One)	100
2.	Clinico-Social case study (One long case)	100
3.	Short case (One infectious Disease)	20
4.	Public Health Laboratory Practical	30
5	Problem on Epidemiology and Biostatistics (Six, 5 marks each)	30
6.	Spotters (Five, Four Marks each)	20
7.	Viva voce	100
Total		**400 Marks**

1. Family Study: - (One) 100 Marks

One family will be allotted in rural/urban field practice area. Presentation and discussion will be on the health status of the family and of any case/individual in the family and on factors that contributed towards maintenance of health and occurrence of diseases; management at individual, family and community levels.

2. Clinico-Social case study (One Long case) 100 Marks

Basic clinical presentation and discussion of diagnosis, treatment and management of common communicable or non-communicable diseases/conditions with emphasis on social and community aspects.

3. Short Case (One infectious Disease) 20 Marks

4. Public Health Laboratory Practical 30 Marks

Staining of smears, interpretation of common serological diagnostic tests, water and milk analysis or interpretation of given results of any above tests.

5. Problem on Epidemiology and Biostatistics
(Six, 5 Marks each) 30 Marks

Based on situation analysis from communicable or non-communicable diseases, M.CH. & FP including demography. Environmental health including Entomology and Occupational Health.

6. Spotters (five, four Marks each) 20 Marks

Identification and description of relevant public health aspects of the spotters/specimen by the student. Spotters shall be from Nutrition, Environmental Health including Entomology and Occupational health, M.CH. & FP, Microbiology including parasites vaccines, sera and other immunobiologicals.

7. Viva Voce: - 100 Marks

Students will be examined by all examiners together, about student's comprehension, analytical approach, expression and interpretation of data. Student shall also be given case reports, chart for interpretation. It includes discussion on dissertation.

5. M.D. (PHARMACOLOGY & THERAPEUTICS) PRACTICAL SCHEME

Day	Heads	Particulars	Marks
Day 1	**Long Exercises**	a)Bioassay: Guinea Pig Ileum/Frog rectum/Rat colon/Rat uterus/Rat fundus or Intact animal experiments. - **150 Marks** b) Demonstration of experimental technique and equipment handling - **50 Marks**	200
Day 1 or 2	**Short exercises**	a) Criticism and comments on research Paper or protocol - **50 Marks** b) Human Pharmacology: Demonstration of Pharmcodynamic techniques and Evaluation of skills in clinical - **50 Marks** Pharmacology and therapeutics Or b) Solving Therapeutic problem or criticism of promotional literature or proprietary Preparations. - **50 Marks**	100
Day 2	**Viva voce**	a) Dissertation presentation and viva - **25 Marks** b) Viva-voce examination. - **75 Marks**	100
Total Marks			**400**

6. M.D. (PEADIATRICS)

PRACTICAL /CLINICAL EXAMINATION: -

SN.	***Heads***	***Marks***
1	*Two long cases of 100 marks each*	*200*
2	*Two short cases of 50 Marks each*	*100*
3	*Viva Voce*	*100*
Total Marks		***400 Marks***

7. M.D. (RADIO-DIAGNOSIS)

PRACTICAL /CLINICAL EXAMINATION: -

Topics	Marks
Sopt Films (30)	60
Long Case (1)	100
Short Cases (02) (50 Each)	100
Film Reading Session	60
Instruments	30
Viva	50
Total	**400 Marks**

8. M.D. (PSYCHIATRY) PRACTICAL SCHEME: -

SN	Heads	Marks
1	Two Psychiatry Long Cases - 100 X 2	200
2	One Neuro Psychiatry	50
3	One Case Speciality- Child/Geriatric etc.	50
4	Viva voce -	100
Total		**400**

9. M.D. **(DERMATOLOGY, VENEROLOGY, LEPROSY, COSMETOLOGY AND HIV AIDS)** PRACTICAL SCHEME: -

SN	Heads	Marks
1	One long case	100 x01 = 100
2	Two short cases	50 x 02 = 100
3	Ten spotters	10 x 05 = 50
4	Five hospital slides	05 x 10 = 50
5	Viva	100
Total		**400 Marks**

10. M.D. (BIOCHEMISTRY) PRACTICAL SCHEME: -

SN	Heads	Marks
1.	Clinical case 1: - 5 Investigations based on the diagnosis of a given case	150
2.	Clinical case 2: - a) Enzyme kinetics - 50 Marks b) Technique - 50 Marks (Chromatography/Electrophoresis)	100
3.	Standardization & Interpretation of Quality Control Charts	50
4.	Microteaching to judge the skill of teaching	30
5.	General Viva voce examination including viva on Dissertation	70
Total		**400 Marks**

11. M.D. (FORENSIC MEDICINE) PRACTICAL SCHEME: -

Practical Assignment	Heads	Marks
Medico-legal autopsies with few cases of Histo-pathology; (including autopsies in the cases of medical negligence, custodial and sterilization deaths. Injury cases; Alcoholic; Sexual offences; Poisoning cases; Age; Psychiatry; spot autopsy/Exhumation; bones; Weapons; clothing; Wet specimens; Poisons; Detection of common poisons in Toxicology Laboratory. Photographs; X-rays; Laboratory exam of Biological trace material evidence; visit to Scene of Crime; court evidence / attendance; Awareness of various intensive care setups & Operation Theatre setups; Awareness of & adequate hands on experience of relevant medico legal & crime Laboratory instruments & Equipments; Attending CME / Workshops / Conference; involvement in UG Teaching; involvement in medico-legal reorientation / training programmes arranged for inters / medical officers)	Autopsy	75
	Grand Viva-	100
	5 Medico- legal Major Exercises - 30 marks each (Age, Alcohol, Injury, sexual offense, Psychiatry, Expert opinion)	150
	5 Medico legal lab Tests - 10 marks each (Blood, semen, Hair/fiber clothing slide.)	50
	5 Spotters of 5 marks each (Bone, weapon, X-ray, Poison, Photograph, Specimens)	25
Total		**400 Marks**

12. M.D. (RESPIRATORY CHEST MEDICINE) PRACTICAL SCHEME: -

SN.	Heads	Marks
1.	**a) One Long Case-** Examination of Patient- 30 minutes - Evaluation by examiners- 15 minutes	**100**
2.	**b) Two Short case-** Examination of Patient - 20 minutes Evaluation by examiners- 10 minutes	**100**
3.	Oral- each candidate will be examined for- 30 minutes	**200**
Total		**400 Marks**

13. M.D. (ANATOMY)

DISTRIBUTION OF MARKS (PRACTICAL)

Day	Heads	Particulars		Marks
Day 1	Long Case	Dissection		100
	Short Case	Microanatomy - -	(5 x 8)	40
		Neuroanatomy - Slides		
		Genetics - Chart - (One)		10
		Embryology - Slides - (Two)		10
		Histology techniques - Staining, H & E - Use of Microtome		50
Day 2	Viva/Orals	Microteaching		30
		Grand Viva soft parts		40
		Neuroanatomy		20
		Bones,		40
		Radiology including CT Scan & MRI,		20
		Embryology Models,		20
		Surface and Living Anatomy- (Ten Marks Each)		20
Total				**400**

14. M.D. (PHYSIOLOGY)

DISTRIBUTION OF MARKS (Practical)

Day	Heads	Marks
Day 1	(i) Human Experiment	50
	(ii) Amphibian	50
	(i) Mammalian	50
	(iv) Haematology	50
	(v) Clinical Presentation	50
Day 2	I) Microteaching	50
	II)General Viva	100
Total		**400 Marks**

15. M.D. (ANAESTHESIALOGY) PRACTICAL/CLINICAL SCHEME: -					
SN.	**Heading**	Heading	Marks		Time
1	Clinical Case – I	Long Case – One	100	100	30 Min
2	Clinical Case - II	Short Cases – Two	50 + 50	100	30 Min
3	Viva Voce – I	Equipments, X-Rays & ECG	60+20+20	100	15 Min
4	Viva Voce - II	Drugs, investigation, charts & laboratory findings	60+20+20	100	15 Min
Total Marks				400	

16. M.D. (HOSPITAL ADMINISTRATION) PRACTICAL SCHEME : -

SN.	Heading	Marks
1	**One Long Case: -** The question is framed on the planning, Organizing, Staffing, Equipment Management and other administrative aspects pertaining to the various departments of the hospital.	100
2	**Two short cases: -** The questions are framed on above administrative aspects limited to a small area/department, of a hospital including questions on financial management and inventory control. **(75 marks x 2)**	150
3	**One spot case : -** It consists of identifying and commenting on the line diagram/ photographs of equipments/ items used in the hospitals	50
4	**Viva Voce: -**	100
Total Marks		**400**

17. M.D. (RADIOTHERAPY) PRACTICAL SCHEME: -

SN	Heads	Marks
1.	Clinical - Long/Question	100
2.	Clinical - Short/Question (50x2)	100
3.	Viva & Voce	200
Total Marks		**400 Marks**

MASTER OF SURGERY

1. M.S. (GENERAL SURGERY) PRACTICAL /CLINICAL EXAMINATION: -	
Headings	**Marks**
Cases: - i) Long Case - (100 Marks) ii) 2 Short Cases - (50 Marks each)	200
4 Spots of 15 Marks each - (4 x 15)	60
Ward Round 2 Cases (2 x 20)	40
Viva voce: - i) X-rays - (25 Marks) ii) Instruments - (25 Marks) iii) Pathology - (25 Marks) iv) Operative Surgery -(25 Marks)	100
Total Marks	**400 Marks**

2. M.S. (OPHTHALMOLOGY)

PRACTICAL /CLINICAL EXAMINATION: -

SN.	Heads	Marks
1	Osci	50
2	Demonstration	50
3	Clinical case: - (Fungus (2), external (2))	200
4	Viva (Dark Room, Appliances, drugs, CT, USG	100
Total		**400 Marks**

3. M.S. (OTOLARYNGOLOGY & HEAD, NECK SURGERY) PRACTICAL /CLINICAL EXAMINATION: -

SN.	Heads	Marks
1.	**Clinical cases-** i) Long case (1 x 150 = 150 Marks) ii) Short case (2 x 75 = 150 Marks)	300
2.	**Viva voce: -** i) Surgical Instruments (20 Marks) ii) Specimen and Osteology (20 Marks) iii) Audiology (20 Marks) iv) Radiology including CT Scans and MRI (20 Marks) v) Operative Procedure (20 Marks)	100
Total Marks		**400**

4. M.S. (ORTHOPAEDICS) PRACTICAL /CLINICAL EXAMINATION: -		
Heads		**Marks**
Long case- 1		100
2 Short cases- 50 Marks each		100
Spot -		60
Ward round -		40
Viva voce a) Instruments b) X-rays c) Operation d) Specimen & bones	 (25 Marks) (25 Marks) (25 Marks) (25 Marks)	100
Total Marks		**400**

5. M.S. (OBSTETRICS AND GYNAECOLOGY)

PRACTICAL SCHEME: -

SN.	Description/Heads	Distribution of Marks	Total Marks
1.	02 Obstetric cases- i) Long case- (75 Marks) ii) Short case- (25 Marks)	1 X 75 1 x 25	100
2.	02 Gynaec cases i) Long case - (75 Marks) ii) Short case - (25 Marks)	1 X 75 1 x 25	100
3.	5 Spots - (10 Marks each)	5 X 10	50
4.	02 cases Ward round	2 X 25	50
5.	02 Viva Obstetric & Gynaec	2 X50	100
Total Practical Marks			**400**

POST GRADUATE DIPLOMA

1. DIPLOMA IN (OTO- RHINO LARYNGOLOGY)
PRACTICAL /CLINICAL EXAMINATION: -

SN.	Heads	Total Marks
1.	**Clinical cases-** i) One Long Case - (1x 100 = 100) ii) Two Short Cases - (2 x 50 = 100)	200
2.	**Viva Voce-**	100
	i) Surgical Instruments- (20 Marks)	
	ii) Specimen and Osteology- (20 Marks)	
	iii) Audiology- (20 Marks)	
	iv) Radiology including CT Scans and MRI - (20 Marks)	
	v) Operative Procedure- (20 Marks)	
	Total Marks	**300**

2. DIPLOMA IN ORTHOPAEDICS
PRACTICAL /CLINICAL EXAMINATION: -

Heads		Marks
Long case 1		100 Marks
Short cases 2	50 Marks each	100 Marks
Table viva 1. Instruments 2. X-rays 3. Specimen & bones and splints 4. Ward round 5. Operation	 20 Marks 20 Marks 20 Marks 20 Marks 20 Marks	100 Marks
Total Marks		**300 Marks**

3. DIPLOMA IN OPHTHALMOLOGY

PRACTICAL /CLINICAL EXAMINATION

Heads	Total Marks
Osci	50
Demonstrations	50
Clinical cases	100
Viva	100
Total	**300**

4. DIPLOMA IN FORENSIC MEDICINE

PRACTICAL /CLINICAL EXAMINATION: -

Medico-legal autopsies with few cases of Histopathology; Injury cases; Alcoholic; Sexual offences; Poisoning cases; Age; Psychiatry; spot autopsy / Exhumation; bones; Weapons; clothing; Wet specimens; Poisons: Photographs: X-Rays; Laboratory exam of Biological trace material evidence; visit to Scene of Crime; court evidence / attendance; Awareness of various intensive care setups & Operation Theatre setups; Awareness of & adequate hands on experience of relevant medico legal & crime Laboratory instruments & Equipments; Visit to other forensic medicine depts.; Attending CME/Workshops/Conference; involvement in UG Teaching; involvement in medico-legal reorientation/ training programmes arranged for inters / medical officers. Detection of common poisons in Toxicology Laboratory.	**A) Autopsy**	60 Marks
	B) Grand Viva-	60 Marks
	C) 4 Medico-legal Major Exercises	100 Marks
	D) 4 Medico legal lab Tests	40 Marks
	E)Examination of Spot	40 Marks
	Total Marks	**300**

5. DIPLOMA IN PUBLIC HEALTH

PRACTICAL / CLINICAL EXAMINATION: -

Head	**Marks**
a) Socio-clinical case (Family study)	50 Marks
b) Ward case	50 Marks
c) Exercises in Microbiology And Public Health Chemistry	30 Marks
d) Exercises in Epidemiology and statistic	50 Marks
e) Spotters (5 spotters X 4 Marks)	20 Marks
Viva-Voce: -	100 Marks
Total -	**300 Marks**

6. DIPLOMA IN CLINICAL PATHOLOGY
PRACTICAL /CLINICAL EXAMINATION: -

Day 1: - I. CLINICAL CASE INCLUDE	
Urine examination	20 Marks
Biochemistry Exercise-I	20 Marks
Haemogram	20 Marks
Special Hematology Exercise-1	10 Marks
Case discussion	10 Marks
II. MICROBIOLOGICAL EXERCISE	
Bacteriology- Gram staining, motility, Culture plating and reporting on next day.	40 Marks
Serology	20 Marks
III. Day 2	
Morbid Anatomy (Gross)	20 Marks
Histotechniques-Block cutting and H & E staining	20 Marks
Slides including discussion - 20 slides, 5 minutes duration for each [Histopathology-10, Cytology (FNAC & Exfoliate)-5, Haematology- 5 slides]	100 Marks
IV. Viva Voce : Students will be examined by all the examiners together about student's comprehension, analytical approach, expression and interpretation of data.	20 Marks
Total Marks	**300 Marks**

7. DIPLOMA IN VENEREOLOGY AND DERMATOLOGY
PRACTICAL /CLINICAL EXAMINATION: -

SN.	Heads	Marks
1	One Long Case	100
2	Two Short Cases	50 x 2 = 100
3	Viva	100
Total Marks		**300 Marks**

8. DIPLOMA IN OBST. & GYNECOLOGY

PRACTICAL /CLINICAL EXAMINATION: -

SN.	Heads	Total Marks
1	02 Obstetric cases i) Long Case- 75 Marks ii) Short Case- 25 Marks	100
2	02 Gynaec cases i) Long Case- 75 Marks ii) Short Case- 25 Marks	100
3	5 spots 10 marks each	50
4	**Viva** i) Obstetrics 25 Marks ii) Gynaec 25 Marks	50
Total		**300 Marks**

9. DIPLOMA IN PULMONARY MEDICINE : PRACTICAL /CLINICAL EXAMINATION: -

SN	Practical	Marks
1.	Long Case	100
2.	Two Short Case (each of 50 marks)	100
3.	Viva voice on four sports (each 25 marks)	100
Total		**300 Marks**

10. DIPLOMA IN RADIO DIAGNOSIS & IMAGING SCIENCES

PRACTICAL /CLINICAL EXAMINATION: -

SN.	Topics	Marks
1	Spot Films (30)	45
2	Long Case (1)	100
3	Short Cases (2x50 marks) Each	100
4	Film Reading Session	40
5	Table Viva, Instruments and Drugs	15
Total Marks		**300**

11. DIPLOMA IN HOSPITAL ADMINISTRATION PRACTICAL /CLINICAL EXAMINATION: -

SN.	Heading	Marks
1	Long Case	100
2	2 Short Cases	100
3	Viva	100
	Total	**300rks**

12. DIPLOMA IN PSYCHATRY: PRACTICAL /CLINICAL EXAMINATION: -

SN	Heads	Marks
1	Long case in psychiatry	100
2	Two short cases - (50 x 2) a) Psychiatry b) Neurology/Neuro Psychiatry	100
3	Viva voce	100
Total Marks		**300**

13. DIPLOMA IN CHILD HEALTH PRACTICAL /CLINICAL EXAMINATION: -

SN.	Heads	Marks
1	One Long case	100
2	Two short cases of 50 Marks each One case must be of new born	100
3	Viva	100
	Total Marks	**300**

14. DIPLOMA IN ANAESTHESIALOGY PRACTICAL /CLINICAL EXAMINATION:

Heading	Marks	
Clinical - Long Case- One	100	= 100
Clinical - Short Cases- Two	50 + 50	= 100
Viva Voce - I Equipments, X-Rays & ECG	30 + 10 + 10	= 50
Viva Voce - II Drugs, investigations, charts & laboratory findings	30 + 10 + 10	= 50
	Total	**300**

15. DIPLOMA IN RADIATION MEDICINE PRACTICAL /CLINICAL EXAMINATION: -

Heading	Marks
Basic Science Experiment	60
Long Case	60
Short Case	40
Clinical Application Experiment	40
Oral Examination (Project and Grand viva)	100
Total	300

16. DIPLOMA IN DIABETOLOGY

PRACTICAL /CLINICAL EXAMINATION: -

	Description	Marks	Total
Long Case	One-Diabetes with multiple complication	100	100
Short Case	Two of Concomitants/complications seen in long cases	30 each	60
Spot Diagnosis	Cases or patient pictures	10 each	50
Tables / Viva	Imaging and ECG	15	15
	Laboratory Methods	15	15
	Therapeutics	15	15
	Emergencies	15	15
	Recent advances	15	15
	Defence of journal / project	15	15
	Grand Total		**300**

1. D.M. (CARDIOLOGY) PRACTICAL /CLINICAL EXAMINATION: -		
SN.	**Heads**	**Total Marks**
1.	Long case I	100
2.	Short cases I, II	150
3.	Viva Voce: Thesis	50
4.	Viva Voce: Drugs & equipments	50
5.	Viva Voce: Interpretation of investigations, Imaging, Recent advances and general viva	50
	Total	**400 Marks**

2. D.M. (NEUROLOGY) PRACTICAL / CLINICAL EXAMINATION: -	
Heads	**Marks**
Clinical cases - 1 Long case-	150
2 Short cases- (2 x 75)	150
Viva Voce - Neuro-radiology, Neuro-pathology L Neurophysiology	100
Total Marks	**400**

3. D.M. (NEPHROLOGY) PRACTICAL / CLINICAL EXAMINATION: -

Heads		**Marks**
Clinical case I		100
Clinical case II		100
Ward round (5 clinical problems)		100
Viva voce		100
Defense of dissertation-	-20 Marks	
Gross/microscopic pathology-	-20 Marks	
Imaging -	-20 Marks	
Recent advances-	-20 Marks	
General viva History-	-20 Marks	
	Total Marks	**400 Marks**

4. D.M. (GASTRO-ENTEROLOGY)

PRACTICAL /CLINICAL EXAMINATION: -

Heads	Particulars	Marks
Clinical Case	1 long case	100
	3 short cases (40X3)	120
	5 spot diagnosis cases (10X5)	50
Viva	Defence of dissertation	30
	Imaging, laboratory methods, endoscopic techniques and instruments, pathology slides	50
	Recent Advances and Emergencies	50
Total Marks		**400**

5. D.M. (ENDOCRINOLOGY)

PRACTICAL /CLINICAL EXAMINATION: -

First Day	1 long or 2 semi long cases (50 x 2)	100
	4 short cases (30X4)	120
	5 spot diagnosis cases (10X5)	50
Second Day	Viva Voce - Defense of dissertation	30
	Imaging, laboratory methods Hormonal assays and spot diagnosis slides	50
	Recent advances and Emergencies	50
	Total Marks	**400**

6. D.M. (CLINICAL PHARMACOLOGY) PRACTICAL /CLINICAL EXAMINATION: -

Particulars	**Time**	**Marks**
One experimental pharmacodynamic exercise on human subjects	3 Hrs.	75
One experimental pharmacokinetic exercise	3 Hrs.	75
One exercise on study design, protocol writing (Appendix)	1 Hrs.	50
Short problems in therapeutics, pharmacokinetics, statistics, ECG and lab report interpretations.	1 Hrs.	75
Review and critically comment on a published article From a medical journal	30 Min.	25
Oral - a) Micro Teaching session 15 marks b) Thesis Presentation & discussion 25 marks c) General viva voce 60marks	15 Min. 45 Min. 60 Min.	100
Total Marks		400

7. D.M. (NEONATOLOGY) PRACTICAL /CLINICAL EXAMINATION: -		
SN.	**Heads**	**Total Marks**
1.	Long case I	75
2.	Long cases II	75
3.	Short cases I, II, III, IV	100
4.	Viva Voce: Thesis	50
5.	Viva Voce: Drugs & equipments	50
6.	Viva Voce: Interpretation of investigations, Imaging, health statistics, Recent advances	50
	Total	**400 Marks**

8. D.M. (ONCOLOGY) **PRACTICAL /CLINICAL EXAMINATION: -**	
Heads	**Marks**
1. One Long Case	200
2. Two Short cases	
3. Ward Rounds	
4. Viva Voce: - All examiners will conduct viva- voce conjointly on candidate's comprehension, of data. It includes all components of course contents, in addition candidates may be also be given case reports, charts, gross specimens, Histo- pathology slides, X-rays, Ultrasound, CT scan images, etc, for interpretation. Questions on use of instruments will be asked. It includes discussion on Research also.	200
Total	**400 Marks**

9. D.M. (HEMATOLOGY)
PRACTICAL /CLINICAL EXAMINATION: -

Heading	**Marks**
1. Long case	50
2. Short cases-2	50
3. Ward rounds-5 cases	100
Viva: - In Hematology the viva would include laboratory work also as follows. 1. Interpretation of lab data	50
2. Blood banking practical	50
3. Morphology-blood film/bone Marrow	50
4. Viva voce, including thesis	50
Total Marks	**400 Marks**

10. D.M. (REPRODUCTIVE MEDICINE)

PRACTICAL /CLINICAL EXAMINATION: -

Heads	**Particulars**	**Marks**
Clinical Case	1 long case	100
	3 short cases (40X3)	120
	5 spot diagnosis cases (10X5)	50
Viva	Defence of dissertation	30
	Imaging, laboratory methods, endoscopic techniques and instruments, pathology slides	50
	Recent Advances and Emergencies	50
Total Marks		**400**

1. M.CH. (UROLOGY) PRACTICAL/CLINICAL EXAMINATION: -

SN.	Heading	Marks
1	One Long Case	100
2	Two Short Cases	100
3	Spots (OSCT)	60
4	Ward Rounds 2 cases	40
5	**Viva voce: -** i) Operative Surgery, Video, ii) Pathology with Microscopy iii) Urotyhamics iv) Radiology MRI/CT	100
Total Marks		**400**

2. M.CH. (PAEDIATRIC SURGERY) PRACTICAL/CLINICAL EXAMINATION: -		
SN.	**Heading**	**Marks**
1	Long Case	50
2	4 Short Cases	100
3	Ward round of 5 Patients	100
4	X- Rays/Instruments/ Specimen/ Operative	100
5	Viva	50
Total		**400**

3. M.CH. (CARDIO THORACIC SURGERY) PRACTICAL SCHEME: -

SN.	Heads	Marks
1.	**Clinical -** a) Long case	100
	b) Short case	75
	c) Ward round & supportive data.	75
2.	**Viva Voce -** Surgical Pathology, Operative Surgery & Surgical Radiology	150
	Total Marks	**400**

4. M.CH. (PLASTIC SURGERY) PRACTICAL/CLINICAL EXAMINATION: -

Heading		Marks
ORAL		200
1 Long case (45 mins + 30 mins)	100	
3 short cases (45 mins + 30 mins)	100	
CLINICAL		50
Ward rounds	50	
PRACTICAL(TABLES)		100
Instruments	25	
Specimens	25	
Operative chit	25	
Radiology	25	
Viva		50
Total		**400**

5. M.CH. (NEUROSURGERY) PRACTICAL /CLINICAL EXAMINATION: -

SN.	Heading	Marks
1	Clinical - a) Long Case	25
2	Short case	25
3	Ward round and supportive data	50
4	Viva Voce - Surgical Pathology, Operative Surgery & Surgical Radiology	150
Total Marks		**400**

6. M.CH. (SURGICAL GASTROENTEROLOGY) PRACTICAL/CLINICAL EXAMINATION: -

SN.	Heads	Marks
1	**Clinical - -** One long case	100
	- Three short cases	150
	-Ward rounds	50
2	**Viva - Voce -**	100
Total Marks		**400**

7. M.CH. (SURGICAL ONCOLOGY) PRACTICAL/CLINICAL EXAMINATION: -

SN.	Heads	Marks
1	**Clinical - -** One long case	100
	- Three short cases	150
	-Ward rounds	50
2	**Viva - Voce -**	100
Total Marks		**400**

1. M.SC. MEDICAL BIOCHEMISTRY PRACTICAL/CLINICAL EXAMINATION: - DURATION - TWO DAYS

SN.	Heading/Particular	Marks
1	Clinical Case 1:5 investigations based on the diagnosis of a given case	150
2	Clinical Cases- 2	
	a) Enzyme kinetics	50
	b) Technique hematography/electro phoresis	50
3	Standardization & Interpretation of quality control charts	50
4	Microteaching - To judge the skill of teaching	30
5	General viva voce	70
Total Marks		**400**

11. GUIDELINES FOR APPOINTMENT OF EXAMINERS:

a) No person shall be appointed as an examiner in any subject unless he fulfils the minimum requirements for recognition as a post Graduate teacher as laid down by the Medical Council of India and has teaching experience of 8 (Eight) years as a Lecturer/Asst. Professor out of which he has not less than 5 (Five) Years teaching experience after obtaining Post Graduate degree. For external examiners, he should have minimum three years experience of examiner ship for Post Graduate diploma in the concerned subject. Out of internal examiners, one examiner shall be Professor and Head of Department or Head of Department.

b) There shall be at least four examiners in each subject at an examination out of which at least 50% (Fifty percent) shall be external examiners. The external examiner who fulfils the condition laid down in clause – a) above shall ordinarily be invited from another recognized medical college, preferably from outside the State.

c) An external examiner may be ordinarily appointed for not more than three years consecutively. Thereafter he may be reappointed after an interval of two years.

d) The internal examiner in a subject shall not accept external examiner ship for a college from which external examiner is appointed in his subject.

e) The same set of examiners shall ordinarily be responsible for the written, practical or part of examination.

f) The Head of the department of the institution concerned shall ordinarily be one of the internal examiners and second internal examiner shall rotate after every two year.

12. THESIS/DISSERTATION GUIDELINES:

Every candidate shall carry out work on an assigned research project under the guidance of a recognized post-graduate teacher, the results of which shall be written up and submitted in the form of a Thesis/Dissertation.

Work for writing the Thesis is aimed at contributing to the development of a spirit of enquiry, besides exposing the candidate to the techniques of research, critical analysis, statistical methods acquaintance with the latest advances in medical sciences and the manner of identifying and consulting available literature.

The topic of thesis shall be as selected by the candidate. The institutional ethics committee (college level) will approve the topic. The title of the topic along with plan of work not exceeding 500 words in prescribed proforma under intimation to the Dean should be submitted to the Deputy Registrar (Academics) of the University with the recommendation of guide/PG teacher within a period of 06 months from the date of registration or as notified by the University from time to time. Ordinarily the University shall approve the topic. Unless communicated otherwise within a period of two months from the date of receipt of plan of work by the University it shall be assumed that the topic of dissertation is approved and no communication is necessary in the connection. Change of topic will not be allowed once title is submitted to the University, except with prior permission of the University.

In case of delay in submission of topic of dissertation and plan of work the period of training of the candidate shall be extended proportionately for which the entire responsibility shall be upon the candidate/guide/Dean. University in such has shall not bear any responsibility for providing facility of training for the extended period.

The dissertation should be written under the following headings:

I. Introduction
II. Aims or objectives of study
III. Review of Literature
IV. Material and Methods
V. Results
VI. Discussion
VII. Bibliography
VIII. Annexure

The written text of dissertation shall be not less than 50 pages excluding references tables, questionnaires and other annexure. It should be neatly typed in double lines spacing on one side of paper (A4 size, 8.27" X 11.69") and bound properly. Spiral binding should be avoided. The guide, head of the department and head of the institution shall certify the dissertation.

Four hard copies of dissertation along with soft copy on a CD thus prepared shall be submitted to the Controller of Examination, six months before final examination on or before the dates notified by the University.

Examiners appointed by the University shall value the dissertation. Approval of dissertation work is an essential precondition for a candidate to appear in the University examination.

Candidate submitting thesis after the last date shall not be eligible to appear in ensuing University examination even if they are issued hall-ticket/admit card. Thesis once rejected the candidate will have to appear after six months, after making necessary modification and resubmission.

To be eligible to be declared as successful in the PG Degree examination, it is compulsory for candidate to pass in all heads of the examination in the same attempt.

No candidate passing in all other heads of examination will be declared successful unless his/her dissertation is recommended for acceptance by at least two out of three examiners appointed to evaluate the thesis/dissertation. Thesis shall be examined by a minimum of 3 examiners, (Appointed by University) One internal and Two external who shall not be examiners for theory and clinical. At least two examiners shall approve the same 3 Months before final examination otherwise candidate will lose his 6 months. Result of thesis should be ordinarily declared after 33 months. In case a thesis is rejected the same shall be communicated to the candidate along with the reasons for rejection ordinarily prior to the commencement of theory examination. The thesis shall not contain anything, which can reveal the identity of the candidate/institution of the candidate. However, it shall contain certificate issued by the guide countersigned by the Dean, certifying therein that the work done by the candidate has been carried-out under the supervisor of the guide for his/her entire satisfaction. This certificate should be independent and should not be attached inside the thesis.

GUIDE :

The academic qualification and teaching experience required for recognition by this University as a guide for dissertation work is as per Medical Council of India. Teachers in a medical college/institution having a total of eight years teaching experience out of which at least five years teaching experience as lecturer or Assistant Professor gained after obtaining Post Graduate teachers.

A Co-guide may be included provided the work requires substantial contribution from a sister department or from another medical institution recognized for teaching/training by MP Medical Science University, Jabalpur/Medical Council of India. The Co guide shall be a recognized postgraduate teacher of MP Medical Science University, Jabalpur/Medical Council of India.

CHANGE OF GUIDE :

In the event of a registered guide leaving the college for any reason or in the event of death of guide, guide may be changed with prior permission from the University.

CONTINUOUS EVALUATION OF DISSERTATION WORK BY GUIDE / CO-GUIDE

Name of the Student:

Name of the Faculty/Observer:

Date:

Sl. No.	**Items for observation during presentation**	**Poor 0**	**Below Average 1**	**Average 2**	**Good 3**	**Very Good 4**
1.	Periodic consultation with guide/co-guide					
2.	Regular collection of case material					
3.	Depth of analysis / discussion					
4.	Departmental presentation of findings					
5.	Quality of final output					
1.	Others					
	Total Score					

CONFIDENTIAL VALUATION REPORT OF DISSERTATION/THESIS

Name of the Candidate : .....
Enrolment No._____ Roll No. _____
Title of Dissertation :_____
Subject:_____

THESIS EVALUATION CHART

Major Head	Criteria	Remark	
Title	Appropriateness.	YES	NO
	Clarity & brevity.	YES	NO
	Justification of the topic.	YES	NO
Introduction	Purpose of study.	YES	NO
	Mention of lacunae in current knowledge.	YES	NO
	Hypothesis, if any	YES	NO
Review of Literature	Relevance.	YES	NO
	Completeness.	YES	NO
	Is it current and up-to-date?	YES	NO
	Citation of reference is properly done or not?	YES	NO
Methods	Type of study mentioned	YES	NO
	Details of subjects. (I.e. cases) and controls.	YES	NO
	Details of materials (for e.g., apparatus used, laboratory tests, etc,) and experimental design.	YES	NO
	Procedure used for data collection is upto the mark	YES	NO
	Statistical methods employed, level of significance considered.	YES	NO
	Statement of limitations.	YES	NO
	Mention of ethical issues involved.	YES	NO
Observations and results	Logical organization in readily identifiable sections.	YES	NO
	Correctness of data analysis.	YES	NO
	Appropriate use of charts, tables, graphs, figures, etc.	YES	NO
	Statistical interpretation.	YES	NO
	Objectivity of interpretation	YES	NO
Discussion	Relevance (within framework of study) and appropriateness for data.	YES	NO
	Interpretation of implication of results.	YES	NO
	Statement of limitation of interpretation (Mention of appropriate caution while stating inferences).	YES	NO
	Mention of unanswered questions.	YES	NO
	Mention of questions raised.	YES	NO
	Summary and conclusions.	YES	NO
Annexure	Whether all required annexure and appendices are included, e.g. the clinical Proforma, the questionnaire used, etc.	YES	NO

RECOMMENDATION: (Please strikeout whichever is not applicable)

1. ***Adequate and acceptable***

2. ***Acceptable subject to modifications/corrections & clarifications, (Please mention reasons and mention sections to be revised before resubmission)***

3. ***Not acceptable for reasons stated bellow.***

Reason for 2 or 3

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……
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Date:
Place:

Signature of the Examiner

Name :
Designation:
Address :
Contact Number
E- mail

Format of the log book for the different activities of the students

Copies may be made and used by the institutions.

LOG BOOK

Table 1 : Academic activities attended

Name: Admission Year:

College:

Date	Type of Activity Specify Seminar, Journal Club, Presentation, UG teaching	Particulars

LOG BOOK

Table 2 : Academic presentations made by the student

Name: Admission Year:

College:

Date	Topic	Type of Presentation Specify Seminar, Journal Club, Presentation, UG teaching etc.

LOG BOOK

Table 3 : Diagnostic and Operative procedures performed

Name: Admission Year:

College:

Date	Name	ID No.	Procedure	Category O, A, PA, PI*

*** Key:** O - Washed up and observed
A - Assisted a more senior Surgeon
PA - Performed procedure under the direct supervision of a senior surgeon
PI - performed independently

POSTING SCHEDULE

S.NO.	DEPARTMENT/ SECTION	MONTH AND YEAR		Remarks	Signature of Section / Department In charge
		From	To		