

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY
No. 69, ANNA SALAI, GUINDY, CHENNAI – 600 032.

M.D. / M.S.
POST GRADUATE DEGREE COURSES



SCHEME FOR CLINICAL / PRACTICAL EXAMINATION

As per the Post Graduate Medical Education Regulations-2023 (PGMER-2023), published by National Medical Commission, New Delhi, dated 29.12.2023 and Frequently Asked Questions (FAQs) of (PGMER-2023) published by National Medical Commission, New Delhi, dated 10.04.2024.

M.D. / M.S. DEGREE COURSES
SCHEME FOR CLINICAL / PRACTICAL EXAMINATION

1. M.D. - General Medicine
2. M.D. - Pathology
3. M.D. - Microbiology
4. M.D. - Physiology
5. M.D. - Pharmacology
6. M.D. - Paediatrics
7. M.D. - Anaesthesiology
8. M.D. - Biochemistry
9. M.D. - Forensic Medicine
10. M.D. - Community Medicine
11. M.D. - Geriatrics
12. M.D. - Respiratory Medicine
13. M.D. - Psychiatry
14. M.D. - Physical Medicine and Rehabilitation
15. M.D. - Dermatology Venerology and Leprosy
16. M.D. - Immunohematology and Blood Transfusion
17. M.D. - Anatomy
18. M.D. - Nuclear Medicine
19. M.D. - Family Medicine
20. M.D. - Radiation Oncology
21. M.D. - Radio Diagnosis
22. M.D. - Emergency Medicine
23. M.S. - General Surgery
24. M.S. - Orthopedics
25. M.S. - Ophthalmology
26. M.S. - Otorhinolaryngology
27. M.S. - Obstetrics and Gynecology

1. **M.D. GENERAL MEDICINE**

CLINICAL			
	EXAMINATION TIME	DISCUSSION TIME	MARKS
LONG CASE - 1X 100 MARKS	60 MIN	30 MIN	100
SHORT CASES – 3 x 30 MARKS	45 MIN	30 MIN	90
WARD ROUNDS 4 CASES X 15 marks (one case per examiner)	50 MIN	30 MIN	60
OSCE(3 STATIONS)			30
DISSERTATION / THESIS			20
CLINICAL TOTAL (Including Dissertation / Thesis)	155 MIN	90 MIN	300 (A)
VIVA			80
LOGBOOK			20
VIVA TOTAL			100 (B)
TOTAL AGGREGATE (CLINICAL + VIVA)			400 (A+B)
MINIMUM REQUIRED FOR PASS (50 %)			200

2.M.D. PATHOLOGY

PRACTICALS DAY 1 FORENOON SESSION

HAEMATOLOGY / CLINICAL PATHOLOGY / BLOOD BANKING (2 HRS) (20 + 20 + 10 = 50 Marks)	50 MARKS
GROSSING /AUTOPSY /GROSS SPECIMEN FOR Dx& DISCUSSION (1.5 H) 10+ 20+20 MARKS	50 MARKS
AFTERNOON SESSION	
HAEMATOLOGY + CYTOLOGY SLIDES & DISCUSSION (5 Slides x 6 Marks) + (5 Slides x 6 Marks) (2 HRS) (10 SLIDES X 6 MARKS)	60 MARKS
DAY2	
FORENOON SESSION	
HISTOPATHOLOGY SLIDES & DISCUSSION 2.5 HOURS) (15 SLIDES X 6 MARKS)	90 MARKS
OSPE (5X6 marks)	30 MARKS
DISSERTATION/ THESIS	20 MARKS
AFTERNOON SESSION – 2 Hours	
PEDOGOGY	40 MARKS
VIVA	60 MARKS
AGGREGATE (PRACTICAL + VIVA) TOTAL	400 MARKS
MINIMUM REQUIRED FOR PASS (50%)	200 MARKS

3. M.D. MICROBIOLOGY

Reframed practical scheme for 2 days duration

	Division	Exercises	Marks
1	Bacteriology	A. Preliminary sample processing & report – 20 marks B. Clinical Sample processing (Simulated Sample with Case scenario) – 45 marks C. Bacterial Techniques – Pure Culture Identification & Antimicrobial Susceptibility testing – 35 Marks	100
2	Mycology	One slant / slide culture (Contaminant , Pathogenic fungi)	30
3	Virology	PCR / CPE / Western Blot / ELISA	30
4	Immunoserology	Bacteriology (Widal / VDRL / Weil-felix / SAT for Brucellosis / ASO / CRP / RA. etc) rapid test for Viral infections - Point of care tests	30
5	Parasitology	laboratory diagnosis of parasitic infections in stool/blood / sputum- Concentration Techniques	30
6	OSPE Exercises-Including Case scenario – discussion (2X15)		30
7	Microscopy Including histopathology Slides - Discussion		30
8	DISSERTATION / THESIS		20
9	Pedagogy		40
10	Viva voce including Competency Assessment		60
TOTAL			400
Minimum Required For Pass (50%)			200
DAYWISE DISTRIBUTION OF EXERCISES			
DAY 1		DAY 2	
1. Bacteriology- A,B,C		1.Bacteriology- B & C	
2. Mycology		5. Parasitology	
3. Virology		7. Microscopy	
4. Immunoserology		8. Pedagogy	
6. OSPE including Case Scenario			
9. Viva voce			

4.M.D. PHYSIOLOGY

DAY 1

ANIMAL LABORATORY – 70 Marks

Two animal experiments illustrating mechanisms, physiological concepts and their application to humans.(subject to current regulations of Government of India regarding animal usage). This is optional. It is advisable to use simulated experiments for this purpose.

Long Experiment (Mammalian) - 40 marks

Short Experiment (Amphibian) - 30 marks

HUMAN LABORATORY – 150 Marks

Dealing with clinical physiology as would have significant bearing on human health and patient care.

a) Clinical examination – 60 Marks

Long (Central Nervous System) - 35 Marks

Short (CVS/RS) - 25 Marks

b) Human Experiments - 60 Marks

Human Experiment Recording - 35 Marks

Interpretation of given recorded data - 25 Marks

c) Problem Solving Exercises - 30 Marks

Case scenario - 15 Marks

Laboratory Values - 15 Marks

DAY 2

HEMATOLOGY - 40 Marks

Major Experiment - 25 Marks

Minor Experiment - 15 Marks

OSPE (5 stations x 4 marks) - 20 Marks

Dissertation / Thesis - 20 Marks

PEDAGOGY - 40 Marks

Vivavoce (including competency assessment) - 60 Marks (40 + 20)

PRACTICAL MARK DISTRIBUTION

ANIMAL LAB	70 MARKS
HUMAN LAB	150 MARKS
HAEMATOLOGY LAB	40 MARKS
OSPE 5 stations x 4 marks	20 MARKS
DISSERTATION / THESIS	20 MARKS
VIVA VOCE (including competencyassessment)	60 MARKS
PEDAGOGY	40 MARKS
TOTAL	400 MARKS
MINIMUM REQUIRED FOR PASS (50%)	200 MARKS

5.M.D. PHARMACOLOGY

PRACTICAL EXAMINATION		
S.No	A. LONG EXPERIMENTS	MARKS
1	Case Discussion(Case audit for a given case)	50
2	Protocol Designing for a given scenario	35
3	Critical Appraisal Of A Published Paper	35
4	In Vivo Experiment – Identification Of Unknown Substance- Perform experiments in small animals	40
TOTAL (A)		160
B. SHORT EXPERIMENTS		
1.	Computer Assisted Learning	25
2.	Bioassay Charts/Dog BP Charts (Interpretation Of Results Of A Previous Tracing)	15
3.	Ethics charts- Identification of ethics related dilemmas in clinical trial documents	15
4.	ADR Reporting and Causality Assessment	15
TOTAL (B)		70
C. OSPE (10 marks each- 5 stations)		50
Examples of OSPE stations (Any 5 of the following)		
	a. Various drug delivery systems	
	b. Calculating Pharmacokinetic Parameters	
	c. Pharmacoeconomics	
	d. Selecting P drug and writing rational prescription	
	e. Analytical Instruments- Use and interpretations	
	f. Evaluation of Drug Promotional Literature	
	g. Pharmaceutical Calculations	
	h. Statistical exercise	
	i. Abstract Writing of a published paper	
	j. Assessment of Preclinical toxicity data	
	k. Analysis of rational and irrational formulations	
D. Dissertation/Thesis		20
GRAND TOTAL (A+B+C+D)		300
ORAL/VIVA VOCE EXAMINATION		
	MARKS	
1.	Micro teaching (Teaching Exercise-Pedagogy)	40
2.	Viva	40
3.	Competency Assessment (IA)	20
TOTAL		100
Aggregate(Practical+Viva)		400
Minimum Required for Pass(50%)		200

6. M. D. PAEDIATRICS

MD Paediatrics	
CLINICALS	
CASE I - (1 X 30 MIN) - (1 X 80 MARKS)	80 MARKS
CASE II (NEWBORN) (1 X 30 MIN) - (1X 80 MARKS)	80 MARKS
CASE III (1 X 30 MIN) (1X 80 MARKS)	80 MARKS
OSCE (DRUGS, LAB DATA, EMERGENCY, IMNCI 4 STATIONS X 10 MARKS	40 MARKS
DISSERTATION / THESIS	20 MARKS
TOTAL	300 MARKS (A)
VIVA VOCE (4 X 5 MIN) (4 X 20 MARKS) (NUTRITION, IMAGING, COUNSELLING, PROCEDURES, INSTRUMENTS, RECENTADVANCES, ADOLESCENCE	80 MARKS (B)
LOG BOOK	20 MARKS (C)
AGGREGATE (CLINICAL + VIVA) TOTAL	400 MARKS (A+B+C)
MINIMUM REQUIRED FOR PASS (50%)	200 MARKS

7. M.D. ANAESTHESIOLOGY

Morning session

Long case 1x80 Marks	Clinical case	80 marks
	40 minutes case examination and 20 minutes for discussion	
Short cases 2x50 Marks	10 minutes for each case examination and 20 minutes for each case discussion	100 marks
Total		180 Marks (A)

Afternoon session

Ward rounds / Case Scenario - 5 x 10 marks 5 mins each case discussion	50 marks (B)
OSCE 5 stations x 10 marks	50 marks (C)
Dissertation / Thesis	20 marks (D)
VIVA - 15 mins for each station 4 stations	80 marks (E)
1. Anaesthesia machine including circuits and Vaporizers, ETT, Supraglottic Airway devices, ICU Ventilator and oxygen therapy equipment.	15
2. Resuscitation equipments, resuscitation demonstration, Difficult Airway, Equipment, monitoring equipments.	15
3. Anaesthetic Drugs, Emergency Drugs, IV Fluids, Nerve Blocks (skeleton) .	15
4. Investigation :ECG, X-rays, ABG Cards, Pulmonary function tests, Capnographs, clinical exercises card	15
5. COMPETENCY ASSESSMENT	20
Log book	20 marks (F)
Aggregate Total (Clinical + Viva)	400 (A+B+C+D+E+F)
Minimum required marks for pass (50%)	200

8. M.D. BIOCHEMISTRY

MD BIOCHEMISTRY		
PART I – 100 MARKS		
A	Clinical case presentation and discussion	50 marks
B	Estimation of 2 analytes	50 marks
PART II- 180 MARKS		
A	Preparation of a standard graph for one analyte	30 marks
B	Clinical cases – 4 charts - Discussion	30 marks
C	Chromatography	40 marks
D	Serum Protein electrophoresis	40 marks
E	OSPE – 4 stations x 10 marks	40 marks
F	Dissertation / Thesis	20 marks
VIVA VOCE		
	PEDAGOGY	40 marks
	VIVA	60 marks
AGGREGATE (Practical +Viva)		400 MARKS
Minimum required for pass (50%)		200 MARKS

9. M.D. FORENSIC MEDICINE

DAY 1 : FORENOON [9.00AM - 1.00 PM]

1	SPOTTERS [10 Nos – 3 Marks Each]	00 Hrs 20 Min	30
	A) FORENSIC SPECIMEN / PHOTOGRAPHS - 2 Nos		
	B) PATHOLOGY SPECIMEN - 2 Nos		
	C) ANIMAL IRRITANT / CHEMICAL IRRITANT - 2 Nos		
	D) POISONOUS PLANT / SEEDS - 2 Nos		
	E) WEAPONS OF OFFENCE - 2 Nos		
2	CLINICAL EXAMINATION OF A CASE OF DRUNKENNESS	00 Hrs 20 Min	15
3	CLINICAL EXAMINATION OF A CASE OF INJURY	00 Hrs 20 Min	15
4	CLINICAL EXAMINATION OF A SEXUAL OFFENCES CASE - VICTIM	00 Hrs 20 Min	15
5	CLINICAL EXAMINATION OF A MALE FOR POTENCY	00 Hrs 20 Min	15
6	PSYCHIATRIC CASE INTERPRETATION	00 Hrs 20 Min	15
<i>FOR EXERCISE Nos 2 TO 6 WHEREVER POSSIBLE SUBJECTS MUST BE PROVIDED FOR EXAMINATION</i>			

DAY 1 : AFTERNOON [2.00PM - 5.00PM]

	EXERCISE	DURATION	MARKS
1	O S P E [4 STATIONS - 3 MARKS EACH]	00 Hrs 40 Min	12
	A) EXAMINATION OF BODY FLUID		
	B) COLLECTION, PRESERVATION & FORWARDING OF VISCERA TO FSL FOR CHEMICAL ANALYSIS		
	C) EXAMINATION OF A WEAPON		
	D) TOXICOLOGY SPOT TEST		
2	MICROSCOPIC EXAMINATION OF SLIDES & REPORTING - [4 Nos - 2 MARKS EACH]	00 Hrs 20 Min	08
	A) SEX CHROMATIN		
	B) HAIR / FIBRE / CLUE MATERIAL		
	C) BLOOD PICTURE IN A CASE OF POISONING		
	D) FORENSIC PATHOLOGY		
3	ESTIMATION OF AGE BY PHYSICAL & DENTAL EXAMINATION	00 Hrs 20 Min	15
4	EXAMINATION OF A CLUSTER OF BONES	00 Hrs 20 Min	15

5	EXAMINATION OF A SET OF XRAYS	00 Hrs 20 Min	15
6	EXPERT OPINION BY STUDY OF DOCUMENTS [HPE / FSL REPORT] PROVIDED IN A MEDICOLEGAL CASE	00 Hrs 15 Min	15
7	INTERPRETATION OF PHOTOGRAPHS & CORRELATION OF INJURIES SEEN WITH THE WEAPON PROVIDED	00 Hrs 15 Min	15
8	MOCK COURT	00 Hrs 30 Min	15
<i>FOR EXERCISE No 3 WHEREVER POSSIBLE SUBJECTS MUST BE PROVIDED FOR EXAMINATION</i>			

DAY 2 : FORENOON [9.00AM - 1.00 PM]

	EXERCISE	DURATION	MARKS
1	ADULT AUTOPSY	02 Hrs 30 Min	40
2	FOETAL AUTOPSY	01 Hrs 30 Min	25

The time slots allotted include the time required for preparation & submission of report on the Autopsy conducted. Distribution of marks are as under:

- PROCEDURE 25% Marks
- OBSERVATION 25% Marks
- INTERPRETATION 25% Marks
- REPORTING 25% Marks

DAY 2 : AFTERNOON [2.00PM - 4.30PM]

DISSERTATION / THESIS		20
VIVA VOCE		
PEDAGOGY	01 Hrs 00 Min	40
VIVA	01 Hrs 30 Min	60

(A) PRACTICALS - TOTAL MARKS (Including Dissertation / Thesis)	300
(B) PEDAGOGY & VIVA	100
TOTAL AGGREGATE (A+B)	400
MINIMUM REQUIRED FOR PASS (50%)	200

10. M.D. COMMUNITY MEDICINE

TOPICS	EXERCISES	MARKS
DAY 1 (Forenoon)		
Clinical Epidemiological cases	One Long case	40 marks
	2 Short cases (2 x 25 marks)	50 marks
DAY 1 (Afternoon)		
Epidemiology and Statistics Problem solving Exercises	<u>Problem solving exercises</u> Epidemiology - 3 Statistics - 2 5 x 10 marks	50 marks
OSCE (Public Health Chemistry) PH Micro, Medical Entomology, RCH Skills	Public Health Spots - 5 5 x 4 marks	20 marks
OSCE	Manned stations - 1 Unmanned stations - 3 4 x 10 marks	40 marks
DAY 2 (Forenoon)		
One Long Family case from the community	FAMILY STUDY : (In PHC / UHTC)	60 MARKS
	Intervention for Social Empowerment (In PHC / UHTC, Community Teaching (Pedagogy)	20 Marks
DAY 2 (Afternoon)		
Dissertation / Thesis (Discussion)		20 marks
TOTAL		300 marks
VIVA (including Competency Assessment)		80 Marks
Log Book		20 Marks
TOTAL (including VIVA)		400 Marks
Passing minimum		200 marks

11. M.D. GERIATRICS

CLINICAL	
LONG CASE (1 CASE x 90 MARKS)	90 MARKS
SHORT CASES (3 CASES X 50 MARKS)	150 MARKS
OSCE (4 STATIONS X 10 MARKS)	40 MARKS
DISSERTATION / THESIS	20 MARKS
CLINICAL TOTAL (Including Dissertation / Thesis)	300 MARKS (A)
VIVA VOCE	
VIVA	80 MARKS
LOG BOOK	20 MARKS
VIVA TOTAL	100 MARKS (B)
AGGREGATE (CLINICAL + VIVA)	400 MARKS (A+B)
MINIMUM PASS (50%)	200 MARKS

12. M.D. RESPIRATORY MEDICINE

CLINICAL	
Long case (1 X 45 min) (1 X 100 marks)	100 marks
Short cases (2 X 15 min) (2 X 50 marks each)	100 marks
Ward rounds/Case discussion (4 X 5 min) (4 X 10 marks each)	40 marks
OSCE 4 stations 5 min each (4 X 10 marks)	40 marks
Dissertation / Thesis	20 marks
CLINICAL TOTAL (Including Dissertation / Thesis)	300 marks (A)
Viva Voce	80 marks
Log book	20 marks
VIVA TOTAL	100 (B)
Aggregate (clinical + viva) Total	400 marks (A +B)
Minimum required for pass (50%)	200 marks

13. M.D. PSYCHIATRY

CLINICAL	
Clinical cases One Long case(Psychiatry) (1 x 80 marks) (45 minutes)	80 marks
a) Two Short cases (2 x 50 marks) (20 minutes) i. Neurology/general medicine ii. Psychiatry	100 marks
Spotters (5 x 10)	50 marks
OSCE (5 x 10)	50 marks
Dissertation / Thesis	20 marks
CLINICAL TOTAL (Including Dissertation / Thesis)	300 marks (A)
Viva voce (VIVA – 60 marksCompetency Assessment – 20 marks)	80 marks
Logbook	20 marks
VIVA TOTAL	100 marks (B)
Total	400 marks (A+B)
Minimum for pass	200 marks

14. M.D. PHYSICAL MEDICINE AND REHABILITATION

CLINICAL	
LONG CASE (1 X100 MARKS)	100 MARKS
SHORT CASE (3 X 40 MARKS)	120 MARKS
OSCE (6 SPOTTERS / SPECIMENS X 10 MARKSEACH)	60 MARKS
DISSERTATION / THESIS	20 MARKS
CLINICAL TOTAL (Including Dissertation / Thesis)	300 MARKS (A)
VIVA AND COMPETENCY ASSESSMENT	80 MARKS (B)
Surgical Instruments	
X-rays, US Scan, CT Scan, MRI, Recent Advances	
Physical Medicine Equipments	
Prosthetics and Orthotics and Disability Evaluation	
LOG BOOK	20 MARKS (C)
AGGREGATE (CLINICAL + VIVA) TOTAL	400 MARKS (A+B+C)
MINIMUM REQUIRED FOR PASS (50%)	200 MARKS

15. M.D. DERMATOLOGY, VENEROLOGY AND LEPROSY

CLINICAL			
2 LONG CASE X 50 MARKS		100 MARKS	
2 SHORT CASES X 40 MARKS (LEPROSY 1, STD 1)		80 MARKS	
SPOTTERS - 10 x 5 = 50		50 MARKS	
OSCE 5 stations x 10 marks		50 MARKS	
DISSERTATION / THESIS		20 MARKS	
CLINICAL TOTAL (Including Dissertation / Thesis)		300 MARKS (A)	
VIVA			
VIVA	DERMATOLOGY	DISCUSSION INSTRUMENTS DRUGS SLIDES	80 MARKS
	STD	DISCUSSION INSTRUMENTS CHARTS KIT & CONDOM	
LOG BOOK		20 MARKS	
VIVA TOTAL		100 MARKS (B)	
AGGREGATE (CLINICAL + VIVA)		400 MARKS (A+B)	
MINIMUM REQUIRED FOR PASS (50%)		200 MARKS	

16. M.D. IMMUNOHEMATOLOGY AND BLOOD TRANSFUSION

COMPONENTS	MARKS DISTRIBUTION	TOTAL MARKS
CLINICAL AND LABORATORY SKILLS <i>[6 Exercises (stations)]</i>	6 X 30	180
CLINICAL CASE DISCUSSION <i>[6 Exercises]</i>	6 X 10	60
SPOTS <i>[05 clinical/ laboratory situations, 05 OSPE]</i>	10 x 4	40
DISSERTATION / THESIS		20
TOTAL (Including Dissertation / Thesis)		300 MARKS (A)
VIVA		
PEDAGOGY <i>[Communication / presentation skills]</i>		20
LOG BOOK DISCUSSION		20
ORAL/VIVA VOCE EXAMINATION		60
	TOTAL	100 MARKS (B)
AGGREGATE (CLINICAL + VIVA)		400 MARKS(A+B)
MINIMUM PASS (50%)		200 MARKS

17. M.D. ANATOMY

PRACTICAL I	
GROSS ANATOMY - Dissection	100 marks
PRACTICAL II	
HISTOLOGY (SECTION CUTTING + EMBEDDING & STAINING) HISTOLOGY SLIDES DRAWING & DISCUSSION	100 marks
PRACTICAL III	
OSPE (20 Stations) - 60 marks	80 marks
EMBRYOLOGY SLIDES - 10 marks	
NEUROANATOMY SLIDES - 10 marks	
DISSERTATION / THESIS	20 marks
PRACTICAL TOTAL (Including Dissertation / Thesis)	300 marks (A)
VIVA VOCE	
PEDAGOGY	40 marks
VIVA	60 marks
VIVA TOTAL	100 marks (B)
AGGREGATE (PRACTICAL + VIVA) TOTAL	400 marks (A+B)
MINIMUM REQUIRED FOR PASS (50 %)	200 marks

18. M.D. NUCLEAR MEDICINE

CLINICAL	
Long Case -1 (1 X 100 MARKS)	100 MARKS
Short Cases -2 (2 X 40 MARKS each)	80 MARKS
PRACTICAL (Physics / Radiopharmaceuticals Quality Control)	50 Marks
OSCE / SPOTTERS (10 x 5 marks)	50 Marks
Dissertation / Thesis	20 Marks
CLINICAL TOTAL (Including Dissertation / Thesis)	300 marks (A)
VIVA including Competency Assessment	80 marks
LOG Book	20 marks
VIVA TOTAL	100 marks (B)
Total (Clinical + Viva)	400 MARKS (A+B)
Minimum marks required for Pass (50%)	200 marks

19.M.D. FAMILY MEDICINE

CLINICAL	
SEMI-LONG CASES - 2X 50 MARKS	100 marks
SHORT CASES – 2 x 40 MARKS	80 marks
WARD ROUNDS	
4 CASES X 15 marks (One case per examiner)	60 marks
OSCE 4 STATIONS X 10 MARKS	40 marks
DISSERTATION / THESIS	20 marks
CLINICAL TOTAL (Including Dissertation / Thesis)	300 marks (A)
VIVA VOCE	
VIVA (4 x 20 = 80)	80 marks
LOGBOOK	20 marks
VIVA TOTAL	100 marks (B)
TOTAL AGGREGATE	400 marks (A+B)
MINIMUM REQUIRED FOR PASS (50 %)	200 marks

20.M.D. RADIATION ONCOLOGY

CLINICAL	
LONG CASE - (1 X 100 MARKS)	100 MARKS
SHORT CASE - (2 X 40 MARKS EACH)	80 MARKS
PRACTICALS – RADIOTHERAPY PLANNING	50 MARKS
OSCE (10 marks x 5 stations)	50 MARKS
DISSERTATION / THESIS	20 MARKS
CLINICAL TOTAL (Including Dissertation / Thesis)	300 MARKS (A)
VIVA VOCE	
VIVA	80 MARKS
LOG BOOK	20 MARKS
VIVA TOTAL	100 MARKS (B)
AGGREGATE (CLINICAL + VIVA) TOTAL	400 MARKS (A+B)
MINIMUM REQUIRED FOR PASS (50%)	200 MARKS

21.M.D. RADIO DIAGNOSIS

CLINICAL	
LONG CASE :(1 X 80 MARKS)	80 MARKS
SHORT CASE :(3 X 40 MARKS EACH) Including one ULTRASOUND CASE DEMONSTRATION	120 MARKS
SPOTTERS / OSCE (40 x 2 marks)	80 MARKS
DISSERTATION / THESIS	20 MARKS
CLINICAL TOTAL (Including Dissertation / Thesis)	300 MARKS (A)
VIVA VOCE	
VIVA	80 MARKS
LOG BOOK	20 MARKS
VIVA TOTAL	100 MARKS (B)
AGGREGATE (CLINICAL+VIVA)TOTAL	400 MARKS(A+B)
MINIMUM REQUIRED FOR PASS (50%)	200 MARKS

22.M.D. EMERGENCY MEDICINE

CLINICAL			
ASSESSMENT METHOD	EXAMINATION TIME	DISCUSSION TIME	MARKS
Long Case (1)	45 min	30 min	1 x 60 = 60
Short cases (5)	(10 min x 5) = 50 min	(6 minx5 cases) = 30 min	5 x 30 = 150
Ward Rounds (3)	30 min	30 min	(3 cases x 10 marks) = 30
OSCE (4)	20 min	20 min	4 stations x 10 marks = 40
DISSERTATION / THESIS			20
CLINICAL TOTAL (Including Dissertation / Thesis)			300 (A)
VIVA VOCE			
VIVA			80 MARKS
LOG BOOK			20 MARKS
VIVA TOTAL			100 MARKS (B)
AGGREGATE (CLINICAL + VIVA)			400 MARKS (A + B)
MINIMUM PASS (50%)			200 MARKS

23.M.S. GENERAL SURGERY

CLINICAL	
LONG CASE - (CASE SHEET WRITING + EXAMINATION- 30 MIN) (1 X 70 MARKS)	70 MARKS
SHORT CASE – (15 MIN EACH) (2 X 50 MARKS EACH)	100 MARKS
WARD ROUNDS (4 CASES X 15 MARKS EACH) (3 MIN EACH CANDIDATE)	60 MARKS
OSCE (5 STATIONS X 10 MARKS EACH) (3 MIN EACH CANDIDATE)	50 MARKS
DISSERTATION / THESIS	20 MARKS
CLINICAL TOTAL (Including Dissertation / Thesis)	300 MARKS (A)
VIVA VOCE	
VIVA VOCE (15 MIN EACH)	80 MARKS
LOG BOOK (15 MIN EACH)	20 MARKS
VIVA TOTAL	100 MARKS (B)
AGGREGATE (CLINICAL + VIVA) TOTAL	400 MARKS (A+B)
MINIMUM REQUIRED FOR PASS (50%)	200 MARKS

24.M.S. ORTHOPAEDICS

CLINICAL	
LONG CASE - (1X30 MIN EXAMINATION+ 30 MIN DISCUSSION) (1 X 80 MARKS)	80 MARKS
SHORT CASE – (3X 10 MIN EXAMINATION+ 30 MIN DISCUSSION) (3 X 40 MARKS EACH)	120 MARKS
WARD ROUNDS (4 CASES X 10 MIN) (4 CASES x 10 MARKS EACH)	40 MARKS
OSCE STATIONS (4 CASES X 10 MARKS EACH)	40 MARKS
DISSERTATION / THESIS	20
CLINICAL TOTAL (Including Dissertation / Thesis)	300 (A)
VIVA VOCE	
VIVA	80
RECENT ADVANCES	
OPERATIVE ORTHOPEDICS	
ORTHOTIC & PROSTHETICS	
ORTHO RADIOLOGY	
LOGBOOK	20
VIVA TOTAL	100 (B)
TOTAL AGGREGATE	400 (A+B)
MINIMUM REQUIRED FOR PASS (50 %)	200

25.M.S. OPHTHALMOLOGY

CLINICALS		
LONG CASE –	(1 X 80 MARKS)	80 MARKS
SHORT CASE –	(2 X 30 MARKS EACH)	60 MARKS
FUNDUS	(2 X 30 MARKS)	60 MARKS
REFRACTION	(1 X 30 MARKS)	30 MARKS
WARD ROUNDS	(5 CASES X 6 MARKS EACH)	30 MARKS
OSCE STATIONS	(5 CASES X 4 MARKS EACH)	20 MARKS
DISSERTATION / THESIS		20 MARKS
CLINICAL TOTAL (Including Dissertation / Thesis)		300 MARKS (A)
VIVA VOCE		
VIVA		80 MARKS
LOG BOOK		20 MARKS
VIVA TOTAL		100 MARKS (B)
AGGREGATE (CLINICAL + VIVA) TOTAL		400 MARKS (A+B)
MINIMUM REQUIRED FOR PASS (50%)		200 MARKS

26. M.S. OTORHINOLARYNGOLOGY

CLINICALS		
LONG CASE –	(1 X 100 MARKS)	100 MARKS
SHORT CASE –	(2 X 40 MARKS EACH)	80 MARKS
WARD ROUNDS	(5 CASES X 10 MARKS)	50 MARKS
OSCE	(5 STATIONS X 10 MARKS)	50 MARKS
DISSERTATION / THESIS		20 MARKS
CLINICAL TOTAL (Including Dissertation / Thesis)		300 MARKS (A)
VIVA VOCE		
VIVA		80 MARKS
LOG BOOK		20 MARKS
VIVA TOTAL		100 MARKS (B)
AGGREGATE (CLINICAL + VIVA) TOTAL		400 MARKS (A+B)
MINIMUM REQUIRED FOR PASS (50%)		200 MARKS

27. M.S. OBSTETRICS & GYNECOLOGY

MS OBSTETRICS & GYNAECOLOGY

		CLINCALS	
LONG CASE	1 OBSTETRICS		75 MARKS
	1 GYNAECOLOGY		75 MARKS
SHORT CASE	1 OBSTETRICS		40 MARKS
	1 GYNAECOLOGY		40 MARKS
WARD ROUNDS- 3 CASES X 10 MARKS EACH			30 MARKS
ANTENATAL, FAMILY WELFARE, GYNAEC.			
OSCE- 4 STATIONS X 5 MARKS EACH			20 MARKS
DISSERTATION / THESIS			20 MARKS
CLINICAL TOTAL (Including Dissertation / Thesis)			300 MARKS (A)
VIVA VOCE			
VIVA	OBSTETRICS		40 MARKS
	GYNAECOLOGY		40 MARKS
LOG BOOK			20 MARKS
VIVA TOTAL			100 MARKS (B)
AGGREGATE (CLINICAL + VIVA)			400 MARKS (A+B)
MINIMUM PASS (50%)			200 MARKS
