

THE TAMIL NADU Dr.M.G.R.MEDICAL UNIVERSITY
PG CLINICAL EXAMINATION PATTERN
MD: ANAESTHESIOLOGY

SCHEME OF EXAMINATION

CLINCALS

Cases

LONG CASE	1 (40 Min. for examination) 20 Min for discussion)	70 Marks
Short cases	2 (10 Min. for examination 20 Min. for discussion) (40 Marks for each case)	80 Marks ----- 150 Marks (No Min)

NO WARD ROUNDS

AFTER NOON SESSION

OSCE – 5 Stations 10 marks each	50 Marks ----- 200 Marks (Min.50% pass)
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VIVA	15 X 4	60 MARKS
1. Machine Including ventilators		
2. CPR & monitors+defibrillator		
3. Drugs + instruments		
4. ECG, X-ray, ABG		
15 Minutes for each stations. One examiner one station		

Log Book	40 Marks ----- 100 Marks (50% Min. pass)
Aggregate (Clinical + Viva)	- 300 Marks (200 + 100)
Minimum Pass (50%)	- 150 Marks

DISSERTATION

External Examiner 1	25 Marks
External Examiner 2	25 marks
Thesis Discussion	50 marks
	----- 100 Marks Min 50 (50%) =====

Grand total = 300 + 100 = 400 Marks
200 Marks
(Minimum Pass 50%)

THE TAMILNADU Dr. M.G.R. MEDICAL UNIVERSITY
PG EXAMINATION PATTERN – M.D. COMMUNITY MEDICINE

SCHEME OF EXAMINATION

THEORY : PART I 1 PAPER
PART II 3 PAPERS
100 Marks for each paper
Minimum Pass Marks – 50 in each

CLINICALS

Clinico Social Examination :
Family Study : 60 Marks

Communication Skill :
Paedagogy : 40 Marks

Public Health Skills :
Computer Data
Analysis Skills : 25 Marks

Management Skills
(as Case Study) : 25 Marks

Epidemiology Bio Statistics Exercise 30 Marks (3 x 10)

OSCE (Public Health Chemistry)
PH Micro Medical Entamology RCH skills 20 Marks (4 x 5)

Total 200 Marks
Minimum Pass 100 Marks

VIVA

Viva 60 Marks (15 x 4)

Log Book 40 Marks (10 x 4)

Total 100 Marks
Minimum Pass 50 Marks

Aggregate (Clinical + Viva) - 300 Marks (200 + 100)
Minimum Pass (50%) - 150 Marks

DISSERTATION:

Evaluation I) 50 Marks
Evaluation II) (25 Marks for each evaluator)

-2-

Discussion 50 Marks (10 x 5)

Total 100 Marks (Minimum Pass 50 Marks)

Grand total = 400 Marks / 200 Marks
Minimum Pass 50%

SCHEDULE OF EXAMINATION

	Forenoon	Afternoon
Day 1	Epidemiology/Exercises Family Study	OSCE Computer Skill Managerial Skill
Day 2	Paedagogy Log book evaluation Dissertation discussion	Viva

THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY
PG EXAMINATION CLINICAL/NON-CLINICAL EXAMINATION
PATTERN

MD: DVL

SCHEME OF EXAMINATION

THEORY : PART I 1 PAPER
PART II 3 PAPERS
100 Marks for each paper
Minimum Pass Marks – 50 in each

CLINICALS

1 Long case 50 Marks
2 shortcase 25 each,

50 Leprosy 1
STD 1
100 Marks = 100 (No minimum)

Case Discussion
OSCE

50 Marks
50 Marks

Total

200 Marks

Minimum Pass 100 Marks (50%)

VIVA

Viva

60 Marks
No Minimum

Derm
Discussion
Instruments

STD
Discussion
Instruments

Log Book

40 Marks (No minimum)

Total

100 Marks
Minimum Pass 50 Marks (50%)

Drugs
Slides

Charts
Kit & Condom

Aggregate (Clinical + Viva) - 300 Marks (200 + 100)
Minimum Pass (50%) - 150 Marks

DISSERTATION:

Evaluation I 25 x 2 = 50 Marks for each evaluator
Discussion – (50 Marks)
Total 100 Marks (Minimum Pass 50 Marks)

Grand total = 400 Marks / 200 Marks
Minimum Pass 50%

**THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY
PG EXAMINATION CLINICAL EXAMINATION PATTERN**

MD GERIATRIC MEDICINE

SCHEME OF EXAMINATION

**THEORY : PART I 1 PAPER
PART II 3 PAPERS
100 Marks for each paper
Minimum Pass Marks – 50 in each**

CLINICALS	- 200 Marks
1 Long Case	80 Marks
2 Short Case	70 Marks (35 x 2)

	150 Marks (No Minimum)
Ward Rounds	
3 cases x 10 Marks - 30 Marks }	
	}
	50 Marks
OSCE	
5 stations x 4 Marks - 20 Marks }	
	}

Total	200 Marks

Minimum pass 100 Marks (50%)

VIVA

Viva	- 60 Marks
Log Book	- 40 Marks

Total	100 Marks (50% Minimum Pass)

Aggregate (Clinical + Viva)	- 300 Marks (200 + 100)
Minimum Pass (50%)	- 150 Marks

DISSERTATION:

Evaluation I } 25 Marks for each evaluator
Evaluation II } 2 x 25 = 50 Marks

Discussion – 50 Marks

Total 100 Marks (Minimum Pass 50 Marks)

**Grand total = 400 Marks / 200 Marks
Minimum Pass 50%)**

**THE TAMIL NADU Dr.M.G.R. MEDICAL UNIVERSITY
PG EXAMINATION NON CLINICAL EXAMINATION PATTERN
MD IMMUNO HAEMATOLOGY AND BLOOD TRANSFUSION
SCHEME OF EXAMINATION**

THEORY : PART I 1 PAPER
PART II 3 PAPERS
100 Marks for each paper
Minimum Pass Marks – 50 in each
Candidates should take up Part I and II at the end of final year

CLINICALS

LONG CASE	1x 100 Marks	100
SHORT CASE	2 x 25 Marks	50

CLINICAL CASE DISCUSSION	5 x 6 Marks	30
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Spotters	10 x 1 Marks	10
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OSCE	2 x 5 Marks	10
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	Total	----- 200 Marks MIN 100 (50%)
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VIVA

VIVA		60 Marks
PEDAGOGY		20 Marks
LOG BOOK		20 Marks

	Total	----- 100 Marks MIN 50 (50%)
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Aggregate (Clinical + Viva)	-	300 Marks (200 + 100)
Minimum Pass (50%)	-	150 Marks

DISSERTATION

External Examiner 1		25 Marks
External Examiner 2		25 marks
Thesis Discussion		50 marks

	Total	----- 100 Marks Min 50 (50%)
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Grand total	= 300 + 100 = 400 Marks	
	200 Marks	
	(Minimum Pass 50%)	

**THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY
PG CLINICAL EXAMINATION PATTERN**

**MD – OBSTETRICS & GYNAECOLOGY
SCHEME OF EXAMINATION**

**THEORY : PART I 1 PAPER
PART II 3 PAPERS
100 Marks for each paper
Minimum Pass Marks – 50 in each**

CLINICALS

OBSTETRICS & GYNAECOLOGY

	Marks	Duration of Time
Long Case - 1 Obstetrics	50	45 Mts. {} 60 Mts/
- 1 Gynaecology	50	15 Mts. {} candidate
Short case - 1 Obstetrics	25	45 Mts {} 60 Mts/
Short Case - 1 Gynaecology	25	15 Mts {} candidate

150 Marks (No Minimum)

Ward Rounds

Antenatal, Family Welfare,	{}		
Gynaeo, Post OP Gynaeo,	{}		5 Mts. each/
Post Natal.	{}	25 Marks	25Mts/candidate
(5 Marks each)			

OSCE

5 Stations (5 Marks each)	25 Marks	5 Mts. each Station
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Total 200 Marks (50% Minimum Pass)

OBSTETRICS & GYNAECOLOGY

To assess in each station of OSCE

1. Communication skills, (e.g.) Manned, Counseling, Consenting, Breaking news, Bereavement
2. Clinical Examination - Manned
3. Out Patient procedures - Manned / Maniquine / Pap / Amstel / Catheterization / Epinotomy / Ut unversion/ MRP
4. Spotters - On Lap Top (eg) CTG, USG, Laparoscopy, Hyteroscopy, Vulval lesions, slides / Vaginal lesions / STD/ Endowers / Endometalosis / Ectopic / Urogyn/ Surgical procedures / Oncology
5. Partogram

VIVA VOCE

OBSTETRICS - 10 Mts. /candidate

- (1. Dummy/Pelvis 2. Instruments 3. Drugs 4. Specimens
5. CTG/Partogram 6. Ultrasound)

GYNAECOLOGY - 10 Mts. /candidate

- (1. Instruments 2. Specimens. 3. Ultrasound 4. Drugs
5. Family Welfare 6. Endoscopy)

**THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY
PG CLINICAL EXAMINATION PATTERN**

MD: PAEDIATRICS

SCHEME OF EXAMINATION

**THEORY : PART I 1 PAPER
PART II 3 PAPERS
100 Marks for each paper
Minimum Pass Marks – 50 in each**

CLINICALS - 200 Marks

Time

**1 Long case - 90 Marks (45 Mts)
2 Short case (2 x 30 marks) - 60 Marks (15 x 2 Mts.)**

Ward Rounds (2 x 15) Marks - 30 Marks (20 Mts)

OSCE (To include Vaccines, drugs, Labdata, Emergency, IMNCI) (10 x 2) - 20 Marks (30 Mts)

Total 200 Marks

Minimum pass 100 Marks (50%)

VIVA

**Viva (4 x 15) (5 Mts each) - 60 Marks (To include (a) Nutrition
(b) Imaging (c) Counseling
(d) Procedures & Instruments)**

Log Book - 40 Marks

Total 100 Marks (Minimum 50 %)

**Aggregate (Clinical + Viva) - 300 Marks (200 + 100)
Minimum Pass (50%) - 150 Marks**

DISSERTATION:

**Evaluation I {} 25 Marks for each evaluator
Evaluation II {} 50 Marks**

Discussion – 50 Marks

Total 100 Marks (Minimum Pass 50 Marks)

**Grand total = 400 Marks / 200 Marks
Minimum Pass 50%)**

THE TAMIL NADU Dr. M.G.R MEDICAL UNIVERSITY, CHENNAI

PG CLINICAL EXAMINATION PATTERN

MD PSYCHIATRY

SCHEME OF EXAMINATION

THEORY: PART I 1 PAPER
PART II 3 PAPERS
100 Marks for each paper
Minimum Pass Marks - 50 in each

CLINICALS

1 Long case 100 Marks
2 Short cases 25 Marks each – 1 Psychiatry
50 Marks – 1 Neuro / General Medicine

Ward Rounds - 25 Marks - Spotters (5x5)
No minimum

OSCE - 25 Marks - (5x5)
No minimum

Total 200 marks (Minimum 50% pass)

VIVA

Viva 60 Marks

Log Book 40 Marks (No minimum)

Total 100 Marks

Aggregate (Clinical + Viva) - 300 Marks (200 + 100) (Minimum 50% pass)

DISSERTATION:

Evaluation 25x2 Marks for each evaluator} = 50 marks

Discussion - 50

Total 100 Marks (Minimum 50% pass)

Grand Total = 400 / 200 marks Minimum Pass 50%

MD (PSYCHIATRY)

Ward Rounds may be replaced with 5 spotters/5 flash cards/5 questions

OSCE - Mental Status Examinations
Eliciting symptoms
Lobar symptoms
Motivation
One or two questions 3 – 5 minutes

**THE TAMIL NADU Dr.M.G.R. MEDICAL UNIVERSITY
PG CLINICAL EXAMINATION PATTERN
MD: RADIODIAGNOSIS**

SCHEME OF EXAMINATION

CLINICALS

1 long case = 80 Marks
2 short cases 35 marks each = 70 Marks

OSPE/SPOTTERS

= 50 Marks

200 Marks
=====

Minimum 100 marks (50%)

VIVA Viva 60 Marks

Logbook 40 marks

100 marks

**(Aggregate Clinical + via = 200 Marks + 100 = 300 marks)
Minimum pass 150 Marks (50%)**

Dissertation:

Evaluation 50 Marks (2 examiners 25 marks each)
Discussion 50 Marks
----- 100 Marks = (Minimum marks 50%)

**Grand total = 300 + 100 = 400 Marks
200 Marks
(Minimum Pass 50%)**

THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY
PG CLINICAL EXAMINATION PATTERN
MD:RADIOTHERAPY

SCHEME OF EXAMINATION

THEORY : PART I 1 PAPER
PART II 3 PAPERS
100 Marks for each paper
Minimum Pass Marks – 50 in each

CLINICALS

1 Long case 100 Marks
2 short cases 25 Marks each
----- 150 Marks(No minimum)

Practicals – Radiotherapy 25 Marks
Planning No minimum

OSCE - 25 Marks)
No minimum

Total 200 Marks
Minimum Pass 100 Marks (50%)

VIVA

Viva 60 Marks

Log Book 40 Marks (No minimum)

Total 100 Marks
Minimum Pass 50 Marks (50%)

Aggregate (Clinical + Viva) - 300 Marks (200 + 100)
Minimum Pass (50%) - 150 Marks

DISSERTATION:

Evaluation I) 2 x 25 Marks
Evaluation II)

Discussion 50 Marks
Total 100 Marks (Minimum Pass 50 Marks)

Grand total = 400 Marks / 200 Marks
Minimum Pass 50%

**THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY
PG EXAMINATION CLINICAL EXAMINATION PATTERN**

MD. T.B. & RESPIRATORY DISEASES

SCHEME OF EXAMINATION

**THEORY : PART I 1 PAPER
PART II 3 PAPERS
100 Marks for each paper
Minimum Pass Marks – 50 in each**

CLINICALS - 200 Marks

Long Case - 1 - 80 Marks (45 Min)
Short Cases- 2 (35+35) - 70 Marks (15 Min)

Ward Rounds / Case Discussion - 25 Marks (15 Min)

OSCE - 25 Marks (5 Stations)

Total 200 Marks (50% Minimum Pass)

VIVA

Viva - 60 Marks

Log Book - 40 Marks

Total 100 Marks (50% Minimum Pass)

**Aggregate (Clinical + Viva) - 300 Marks
Minimum Pass (50%) - 150 Marks**

DISSERTATION:

Evaluation I {} 25 Marks for each
Evaluation II {}

Discussion – 50 Marks

Total 100 Marks (Minimum Pass 50 Marks)

**Grand total = 400 Marks / 200 Marks
Minimum Pass 50%)**

THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY

PG EXAMINATION CLINICAL EXAMINATION PATTERN

MS OTORHINOLARYNGOLOGY

SCHEME OF EXAMINATION

THEORY : PART I 1 PAPER
PART II 3 PAPERS
100 Marks for each paper
Minimum Pass Marks – 50 in each

CLINICALS

1 Long case 80 Marks
2 short cases 70 Marks (35 x 2)
----- 150 Marks
(No minimum)

Ward Rounds 5 Cases - 25 Marks
No minimum

OSCE 5 Stations - 25 Marks)
No minimum

Total 200 Marks
Minimum Pass 100 Marks (50%)

VIVA

Viva 60 Marks
Log Book 40 Marks (No minimum)

Total 100 Marks
Minimum Pass 50 Marks (50%)

Aggregate (Clinical + Viva) - 300 Marks (200 + 100)
Minimum Pass (50%) - 150 Marks

DISSERTATION:

Evaluation I) (25 Marks for each evaluator)
Evaluation II)
50 Marks
Discussion 50 Marks

Total 100 Marks (Minimum Pass 50 Marks)

Grand total = 400 Marks / 200 Marks
Minimum Pass 50%

**THE TAMIL NADU Dr.M.G.R MEDICAL UNIVERSITY
PG CLINICAL EXAMINATION PATTERN
MD: GENERAL SURGERY**

SCHEME OF EXAMINATION

CASES	MARKS	EXAMINATION TIME
Long case 1	70	case sheet writing and examinations 30 minutes)
Short cases 2 (40 x 2)	80	15 minutes each 15 x 2 = 30 mts.
Ward Rounds (4 x 10)	40	3 mts. each candidate
OSCE 5 x 2	10	3 mts. each candidate

200 Marks Minimum Pass 100 (50%)

VIVA	MARKS	EXAMINATION TIME
VIVA	60	15 minutes each
LOG BOOK	40	15 Minutes each

100 Marks Minimum Pass 50 (50%)

DISSERTATION:

25 Marks for each evaluation

Evaluation 2 x 25 = 50 Marks
Discussion 50 marks

Total 100 Marks (Minimum Pass 50 Marks)

Grand total 400 Marks / 200 Marks
Minimum Pass 50%

**THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY
PG CLINICAL EXAMINATION PATTERN**

**MS:OPHTHALMOLOGY
SCHEME OF EXAMINATION**

**THEORY : PART I 1 PAPER
PART II 3 PAPERS
100 Marks for each paper
Minimum Pass Marks – 50 in each**

CLINICALS

Long Case (1)	50 marks	- 30 mts.
Short Cases (2) 25 x 2	50 marks	- 30 mts.
Fundus (1)	25 marks	- 15 mts.
Refraction (1)	25 marks	- 15 mts.
Total	150 marks	- 90 Mts (1 ½ hrs.)
Ward Rounds (manned Stations Clinical Skills)	5 x 5 25 Marks	5 mts x 5 = 25 mts
OSCE Stations	5 x 5 25 Marks	2 mts x 5 = 10 mts
	-----	-----
	200 Marks	35 mts
	-----	-----

Minimum Pass 100 Marks (50%)

VIVA	60 marks
Log Book	40 Marks

	100 Marks (50% Minimum Pass)

Dissertation:	
Discussion	50 Marks
Evaluation 2 x 25 marks	50 Marks

	100 Marks

Aggregate (Clinical + Viva)	- 300 Marks (200 + 100)
Minimum Pass (50%)	- 150 Marks

Grand total = 300 + 100 = 400 Marks / 200 Marks Minimum Pass 50%)

THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY
PG EXAMINATION CLINICAL EXAMINATION PATTERN

MS. ORTHOPAEDICS

SCHEME OF EXAMINATION

THEORY : PART I 1 PAPER
PART II 3 PAPERS
100 Marks for each paper
Minimum Pass Marks – 50 in each

PRACTICALS

I A) CLINICALS

			Examination Time	Discussion Time
Long Case -	1	1 x 75 Marks	30 Min.	30 Min.
Short Cases - (each 10 minutes)	3	3 x 25 Marks	30 Min.	30 Min.

Total ----- 150 Marks

Part II

Ward Rounds 10 Minutes each
3 cases 3 x 10 Marks 30 Marks (No Minimum)

OSCE
(4 Clinical Stations
5 Marks each) 20 Marks (No Minimum)

Total 200 Marks

Minimum Pass 100 Marks (50%)

II B) VIVA

Topics: 1. Recent advances	15 Marks
2. Operative Orthopaedics	15 Marks
3. Orthotic and Prosthetics	15 Marks
4. Ortho Radiology	15 Marks

Viva 60 Marks (No Minimum)

Log Book

Log Book	40 Marks (No minimum)

Total	<u>100 Marks</u>

Minimum Pass 50 Marks (50%)

Aggregate (Clinical + Viva)	-	300 Marks (200 + 100)
Minimum Pass (50%)	-	150 Marks

III. C) DISSERTATION:

Evaluation (2 X 25)	= 50
Discussion –	(50 Marks)

Total	100 Marks (Minimum Pass 50 Marks)
	=====

Grand Total = 400 Marks / 200 Marks
Minimum Pass 50%

TIMINGS DISTRIBUTION FOR MS ORTHO

Time	Candidates	Examination Time	Discussion
1st Set Examiner (Long Case)	A	8.30 to 9.00	9.00 to 9.30
	B	9.00 to 9.30 am	9.30 to 10.00 am
	C	9.30 to 10.00	10.00 to 10.30 am
2nd Set of Examiner Short case	D	8.30 to 9.00	9.00 to 9.30
	E	9.00 to 9.30	9.30 to 10.00 am
	F	9.30 to 10.00	10.00 to 10.30 am
1st Set of Examiners Long Case	D	10.00 to 10.30	10.30 to 11.00 am
	E	10.30 to 11.00	11.00 to 11.30 am
	F	11.00 to 11.30	11.30 to 12.00 Noon
2nd Set of Examiners Short Case	A	10.00 to 10.30	10.30 to 11.00 am
	B	10.30 to 11.00	11.00 to 11.30 am
	C	11.00 to 11.30	11.30 to 12.00 Noon

THE TAMIL NADU Dr.M.G.R.MEDICAL UNIVERSITY, CHENNAI.
MD ANATOMY
PG NON CLINICAL EXAMIANTION PATTERN

01. GROSS ANATOMY		- 75
Marks		
02. Histology (Section cutting Embedding and staining Histology slides draw and discuss)		- 75 Marks
03. OSPE		- 50 Marks
Embryology Slides		
Neuroanatomy Slides		
Brain Discussion		
Limp	2 cases	
Abdomn	2 Cases	
Pelvis	2 cases	
Head	2 cases	
Neck	2 cases	
Thorax	2 cases	
Neuro Anatomy	2 cases	

		200 Marks (Min 50%)
VIVA		
Pedagogy	20 Marks	
Log Book	20 Marks	
Viva (Recent advances)	60 Marks	

		100 Marks (Min 50% pass)
DISSERTATION:		
Discussion	50 Marks	
Evaluation by 2 examiners		
2 x 25 marks	= 50 Marks	

		100 Marks Min 50%)
Grand total =	400 Marks / 200 Marks	
	<u>Minimum Pass 50%</u>	

THE TAMIL NADU Dr.M.G.R MEDICAL UNIVERSITY
PG NON CLINICAL EXAMINATION PATTERN

M.D.BIOCHEMISTRY PRACTICALS

Part I

1. Thin layer /Paper Chromatography -30 marks
 - a. Aimed at identifying the unknown carbohydrate or amino acid
2. Serum Protein Electrophoresis -30 marks
3. OSPE -40 marks

Eight stations of 5 marks each (8x5)

- Two performance stations(2x5)
- Six response stations(6x5)

Part II

1. Clinical cases –Charts discussion - 20 marks
 - a. Four charts of 5 marks each
 - b. Related to clinical biochemistry
- 2 Long case presentation and discussion - 30 marks
3. Estimation of any two analytes related to the case Discussed
(1 Kinetic and 1 endpoint assay) 2x10=20 - 20 marks
4. Validation of reagent kits -30marks

Complete evaluation of reagent kits is not expected at the time of examination. Relevant areas may be examined.

Total Marks –200

Passing Minimum – 100

VIVA

- | | |
|-------------|------------|
| 1. Viva | -60 marks |
| 2. Log Book | - 20 marks |
| 3. Pedagogy | - 20 marks |

Total - 300 marks passing Minimum – 150 Marks

- | | |
|-------------------------------|------------|
| 4. Discussion on dissertation | - 50 marks |
| External evaluation 25x2 | - 50 marks |

100 (minimum pass 50%)

Grand Total = 400 Minimum pass 200 (50%)

* Viva – Viva includes Viva on recent advances, Pedagogy, Log book Discussion

** Dissertation – Dissertation evaluation by 2 examiners each for 25 Marks – 50 marks
Discussion on Dissertation – 50 marks
Total Marks – 100 marks

MD BIOCHEMISTRY

EXAMPLES OF OSPE STATIONS:

Performance Stations:

1. **Coagulation profile**
 - a. **Prothrombin time**
 - b. **Activated Partial thromboplastin time**

2. **Methylamine test for detecting fructose**
3. **Music acid test for detecting galactose**
4. **Schwartz Watson test for differentiating urobilinogen from Orphobilinogen**

5. **Neumann's test for detecting Phosphorous in casein Response Stations.**

1. **Identification of Hemoglobin variants**
2. **Levey Jenning's chart showing warning or rejection rules**
3. **Creatinine clearance calcualtion based on given values and normogram**
4. **Double reciprocal plot to identify the type of enzyme inhibition**
5. **Precision check of a given set of IQC results/patients samples using standard deviation and coeffecient of variation.**

THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY
PG EXAMINATION CLINICAL/NON-CLINICAL EXAMINATION PATTERN
M.D. FORENSIC MEDICINE
PRACTICAL SCHEME FOR 3 DAYS

DAY – 1

EXERCISE	TIME	MARKS
1. Adult Autopsy	3 Hours	25
2. Foetal Autopsy	1½ Hours	15
3. Spotters (10 No.)	40 Min.	10
a) Pathology Specimen		
b) Forensic Specimen		
c) Clue Materials/ Artefacts/Photos		
d) Toxicology Specimen		
4. Clinical Forensic Medicine		
a) Drunkenness Case Examination	20 Min.	10
b) Injury Case Examination	20 Min.	10
c) Sexual Offences Case Examination (Accused & Victim)	30 Min.	10

NOTE :

[Wherever possible subjects should be provided for examination]

DAY – 1	TOTAL	6 Hrs. & 20 Min.	80 Marks
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**THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY
PG EXAMINATION CLINICAL/NON-CLINICAL EXAMINATION PATTERN
M.D. FORENSIC MEDICINE
PRACTICAL SCHEME FOR 3 DAYS**

DAY – 2

EXERCISE	TIME	MARKS
1. Forensic Anthropology and Odontology		
a) Age estimation by using Dental and Physical examination	30 Min.	10 Marks
b) Cluster of bones examination	30 Min.	10 Marks
c) Cluster of X rays examination	30 Min.	10 Marks
 NOTE :		
[For 1 a) Wherever possible subjects should be provided for examination]		
2. Expert opinion on the documents of a Medico legal case	30 Min.	10 Marks
3. Interpretation of Photographs/ Videographs/Weapons in a Medico legal case	30 Min.	10 Marks
4. Microscopic examination of tissues [5 Slides] 5 x 2	40 Min.	10 Marks
5. Mock Court	60 Min.	10 Marks
6. Preparation of Postmortem Certificate from the autopsy done on Day - 1	30 Min.	10 Marks
7. Psychiatric case interpretation	30 Min.	10 Marks
 DAY – 2	 TOTAL	 5 Hrs. & 10 Min. 90 Marks

Day 3

1. OSPE

6 Stations 5 Marks each 60 Minutes 30 marks

Total 200 Marks

Min. Marks 100 (50%)

VIVA

1. Pedagogy 30 Min 20 Marks

2. VIVA 60 Min. 60 Marks

3. Log book 30 Min. 20 Marks

---- 100 Marks

DISSERTATION:

. Discussion on Dissertation 60 Min. 50 Marks

Evaluation 2 x 25 Marks 50 Marks

-----100 marks

Min pass 50%

**Grand total = 300 + 100 = 400 Marks / 200 Marks
Minimum Pass 50%)**

Daywise distribution of Exercises

Day1	Day2	Day3
Clinical Microbiology (mixed culture)	Clinical Microbiology (Contd.)	Clinical Microbiology (Final Report)
Pure Culture	Pure Culture	-----
Mycology	Parasitology	Pedagogy
Sero Immunology	Histopathology slides OSPE	viva Discussion on dissertation

**THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY
PG NON CLINICAL EXAMINATION – PRACTICAL PATTERN
MD:- PATHOLOGY**

DAY 1:-

<u>FORENOON SESSION:-</u>	<u>TIME ALLOTTED</u>	<u>MARKS</u>
1.HAEMATOLOGY CASE/ CLINICAL PATHOLOGY/ BLOOD BANKING	2 HOURS	25 Marks
2.GROSSING/AUTOSPY/ GROSS SPECIMENS FOR DIAGNOSIS AND DISCUSSION (5+10+10)	1 1/2 HOURS	25 Marks
<u>AFTERNOON SESSION:-</u>		
HAEMATOLOGY AND CYTOLOGY SLIDES & DISCUSSION	2 HOURS	50 Marks 100 Marks (10 SLIDES X 5 MARKS EACH)

DAY 2:-

<u>FORENOON SESSION:-</u>		
1.HISTOPATHOLOGY SLIDES AND DISCUSSION	2 ½ HOURS (15 SLIDES X 5 MARKS EACH)	75 Marks
2. OSPE		25 Marks
		TOTAL – 200 marks Min. pass (50%)

DAY 2:-

<u>AFTERNOON:</u>	<u>2 HOURS</u>
PAEDOGOGY	- 20 marks
VIVA	- 60 marks
LOG BOOK	- 20 marks

TOTAL	100 MARKS
MINIMUM PASS – 50 marks (50%)	

Aggregate (Practical + VIVA) – 300 marks (200 + 100)
MINIMUM PASS 50% - 150 marks

DISSERTATION:

Discussion 50 Marks
Evaluators 2 x 25 = 50 Marks

Total – 100 marks (minimum pass 50 marks)

GRAND TOTAL – 400 MARKS / 200 MARKS . MINIMUM PASS 50%

THE TAMILNADU Dr. M.G.R. MEDICAL UNIVERSITY

PG NON CLINICAL EXAMINATION PATTERN

M.D. PHARMACOLOGY

SCHEME OF EXAMINATION

**THEORY 4 PAPERS – 100 MARKS FOR EACH PAPER
MINIMUM PASS MARKS – 50 IN EACH**

PRACTICALS :

DAY 1 :

Clinical Pharmacology		
case discussion	-	100 Marks (2 x 50)
Toxicology	-	25 Marks
Protocol writing	-	25 Marks
Journal Criticism	-	25 Marks
OSPE		
(5 Stations x 5 Marks)	-	25 Marks

Total	-	200 Marks (Min 50% pass)

DAY 2 :

Pedagogy	-	20 Marks
Viva	-	60 Marks
Log book	-	20 Marks

Total	-	100 Marks (Min 50% pass)

Aggregate	-	300 Marks (200 + 100)
Minimum Pass (50%)	-	150 Marks

DISSERTATION:

Evaluation I)	2 externals
Evaluation II)	(25 Marks for each evaluator)
Discussion		50 Marks

Total		100 Marks (Min 50% pass)

Grand total = 400 Marks / 200 Marks
Minimum Pass 50%

MD PHARMACOLOGY

Objective Structured Practical Examination

OSPE

1. Interpretation of Clinical Pharmacology Charts.
2. Interpretation of Pharmacokinetic Charts.
3. Interpretation of Pharmacodynamic Charts.
4. Prescription Audit.
5. Casualty Analysis.
6. Calculation of Bioavailability, TDM, SSC.
7. Ethics – Exercises based on ethical decision making.
8. Exercises based on Evidence Based Medicine (Meta Analysis).
9. Dosage calculation in paediatrics and geriatrics.
10. Dosage calculation in compromised renal and liver function.

THE TAMIL NADU Dr. M.G.R MEDICAL UNIVERSITY, CHENNAI

P.G NON-CLINICAL EXAMINATION PATTERN

PHYSIOLOGY

Practicals - 2 days

I Long exercise	- Animal Lab	- 80 marks
II Short exercise 1	- Human Lab –	70 marks
III Short exercise 2	– Hematology Lab	– 30 marks
IV OSPE		- 20 Marks

Total -----
200 Marks

I Animal Lab

- Whole animal Mammaliah experiments / or Charts (ECG, BP, Response recording) - 40 marks
- Isolated organ - 40 marks
 1. Isolated whole heart – rat or rabbit
 2. Smooth muscle - rat
 3. Skeletal Muscle

II Human Lab - 20 Marks

- Clinical examination of systems
- Human experiments (eg. Recording & reporting of ECG, EEG,NCU, Evoked potentials, Spirometry - 30 marks
- Problem Solving exercises -20 marks

Eg. Case discussion, Interpretation of lab values like ABG, electrolytes etc

III Hematology lab -30 marks

IV OSPE 5 StationsX 4 Marks = 20 marks

One skilled station –Preparation of Solutions
Four response stations –Statistics (compulsory)
Others can be: Instruments, histology etc

Total marks – 200

Passing Minimum –100 marks

VIVA

1. Viva - 60 marks
 2. Log Book - 20 marks
 3. Pedagogy - 20 marks
- Pedagogy should be with chalk and board only

Total - 100 marks passing Minimum –50 Marks

Dissertation:

Discussion on dissertation - 50 marks

Dissertation evaluation by

2 external examiners (2 x 25 marks each) 50 Marks

– 100 marks.

	Maximum Marks	Passing Minimum
PRACTICALS	200	100
VIVA	100	50
Dissertation	100	50