

THE TAMIL NADU Dr. M.G.R MEDICAL UNIVERSITY, CHENNAI
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Dr. SUDHA SESHAYYAN, M.S.,
REGISTRAR (FAC)

Rc.No. ACAD-I(3)/ 14967/11

Dated: 11.08.2011

To

The Deans/Principals of the
Medical Colleges affiliated to this University
(conducting P.G Clinical Courses)

Sir/Madam,

Sub: Academic – The T.N Dr.M.G.R Medical University,
Chennai-32 – Resolution of the Meeting of the Board
of Studies in PG Clinical held on 27.04.2011 -
Communicated – Reg

Ref: 1) Minutes of the Standing Academic Board under
Agenda No.IV(3) held on 14.06.2011.
2) Resolution no. 30 passed at the 204th GC meeting
held on 12.07.11.

I am to inform that the Board of Studies in P.G Clinical in the Meeting held on 27.04.2011 have recommended the following academic issues relating to P.G Clinical courses. The recommendations of the Board of Studies in P.G Clinical were approved in the 41st Meeting of the Standing Academic Board held on 14.06.2011 and also recorded in 204th GC meeting held on 12.07.11.

I) TO FRAME THE SCHEME OF CLINICAL / VIVA VOCE EXAMINATION FOR POST GRADUATE CLINICAL DEGREE / DIPLOMA COURSES FROM KNOWLEDGE BASED TO COMPETENCE BASED EXAMINATION.

To frame the scheme of clinical / viva voce examination for P.G Clinical Degree courses from knowledge based to competence based Examination with the modifications listed below.

PG Clinical Examination Pattern (M.S and M.D)

No. of candidates : 6

Time –8.30 AM –5 PM

Forenoon 8.30AM to 1.30PM -CLINICALS

1. Case examination and Discussion - 8.30AM- 12.30 PM

5X20marks =100 marks

1.No. of cases – 5 cases

2. Duration for each case (Examination and Discussion)-15 min each case

3.1hour and 15 mins for each candidate

4. Examiner (Set A and Set B) – Three candidates for each set of examiner–1 hour and 15 minsX3=3 hours and 45min (15 mins break for the examiners)

2. Ward rounds* 12.30 PM to 1.30 PM 5 X10 =50 marks

1.5 cases for each candidate

2.Each case 4 mins

3.20 min for each candidate

4.Three candidates for each set of examiner – 20 minX3=60 mins-21-

-3-

3. OSCE -8.30 AM to 12.30 PM Marks -5x10=50 Marks

1.5 stations -5 Mins each station -25 min for each candidate

MAXIMUM MARKS - 200 PASSING MINIMUM = 100 MARKS

Lunch 1.30 PM to 2.30 PM

*** Wardrounds - As wardrounds is not applicable in Psychiatry,
Radiodiagnosis and Radiotherapy, it is replaced with Spotters.(Same
duration and Mark Distribution)**

Afternoon -2.30 -5 PM -VIVA VOCE & DISSERTATION

**4. Viva on Recent Advances/Procedures#/Emergency Management-
2.30 -3.15PM
Marks -50 marks**

1. Three candidates for each set of Examiner

2. 15 Min each candidate X3=45 min

5. Log Book 3.15-4.00 PM Marks -50 marks

1.Three candidates for each set of examiner

2.10 mins for each candidate X3=30 mins

Tea break -15 mins

VIVA- MAXIMUM MARKS - 100 PASSING MINIMUM -50 MARKS

1. Dissertation 4.15-5PM Marks -50 marks

Three candidates for each set of examiner

10 mins for each candidate X3=30 mins

**# Procedures for Medical Speciality and Surgical procedures for surgical
speciality.**

PG Examination – M.D/M.S

	Maximum Marks	Passing Minimum
Clinical Examination	200	100
Viva	100	50
Dissertation**	150	75

**** Dissertation evaluation by 2 examiners each for 50 marks -100 Marks
Discussion on Dissertation - 50 Marks
Total Marks -150 Marks**

PG Clinical Examination Pattern -Diploma

No. of candidates : 6

Time –8.30 AM –4.30 PM

Forenoon 8.30AM to 1.30PM -CLINICALS

1. Case examination and Discussion - 8.30AM- 12.30 PM

5X20marks =100 marks

- **No. of cases – 5 cases**
- **Duration for each case (Examination and Discussion)-15 min each case**
- **1hour and 15 mins for each candidate**
- **Examiner (Set A and Set B) – Three -21-candidates for each set of examiner–**

1 hour and 15 minsX3=3 hours and 45min (15 mins break for the examiners)

2.Ward rounds* 12.30 PM to 1.30 PM

5 X10 =50 marks

- **5 cases for each candidate**

-5-

- Each case 4 mins
- 20 min for each candidate
- Three candidates for each set of examiner – 20 minX3=60 mins

1.OSCE -8.30 AM to 12.30 PM Marks -5x10=50 Marks

- 5 stations –5 Mins each station –25 min for each candidate

Maximum Marks - 200

Passing Minimum = 100 marks

Lunch 1.30 PM to 2.30 PM

*** Wardrounds - As wardrounds is not applicable in**

**Psychiatry,Radiodiagnosis and Radiotherapy, it is replaced with Spotters.(
same duration and Mark Distribution)**

Afternoon –2.30 –4.15 PM -VIVA VOCE

2.Viva on Recent Advances/Procedures#/Emergency Management-

2.30 – 3.15PM

Marks –50 marks

3. Three candidates for each set of Examiner

4. 15 Min each candidate X3=45 min

Tea break -15 mins

5. Log Book 3.30-4.15 PM Marks –50 marks

- Three candidates for each set of examiner

- 10 mins for each candidate X3=30 mins

VIVA- Maximum Marks - 100

Passing Minimum –50 Marks

#Procedures for Medical Speciality and Surgical procedures for surgical specialiy

PG Examination – Diploma

	Maximum Marks	Passing Minimum
Clinical Examination	200	100
Viva	100	50

**Objective Structured Clinical Examination (OSCE)
M.D.Branch X Anaesthesiology**

5 stations, 5X10 =50Marks,
Stations

1. Anaesthesia machine

- 1. Equipment**
- 2. Vaporizers and circuits**
- 3. X rays and ECG**
- 4. Drugs and fluids**
- 5. ABGA**
- 6. Capnographs**
- 7. Ventilators**
- 8. Monitors**
- 9. CPR**

Objective Structured Clinical Examination (OSCE)
M.D.Branch XX Dermatology, Venerology and Leprosy

5 stations, 5X10 =50Marks,

Stations

1. Dermatology Slides (Histopathology)
2. Leprost Slides
3. STD –Charts
4. Instruments
5. Charts In Dermatology
6. Drugs
7. Treatment Aspects – Condoms
8. Physiotherapy –Instruments (Leprosy)
9. Patch test –Kit
10. Mycology slides

Objective Structured Clinical Examination (OSCE)
M.D.Diabetology

5 stations, 5X10 =50Marks,

Stations

1. **Nutrition and Meal Planning –IBW-Precalculated charts, calorie,calculation etc**
2. **Specimen-Fatty Liver, Kidney, Gallbladder, Diabetic foot etc**
3. **Slides –Liver/Kidney etc**
4. **Laboratory Investigations-Ketone Bodies, Microalbuminuria etc**

5. **Instruments- Insulin Delivery Devices, Insulin Pump, Glucometer, Doppler, Biothesiometer**
6. **Charts –Diagnostic Criteria,GDM,DKA etc**
7. **X Rays –Pancreatic Calculi, Diabetic foot & Osteomyelitis, PT**
8. **Foot Examination –Neurological and vascular examination of the foot**
9. **Drugs –Various Insulins and Oral Antidiabetic drug**
10. **Patient education and counseling**

Objective Structured Clinical Examination (OSCE)
M.S.Branch IV E.N.T

5 stations, 5X10 =50Marks,

Stations

- 1.Pathology
- 2.Microbiology
- 3.Specimen –Dry
- 4.Specimen-Wet
- 5.Operative surgery
- 6.Instruments
- 7.X-ray/Laptop Video
- 8.CT/MRI
- 9.Audiogram
- 10.Recent Advances in ENT(BERA/OAE/VEMP/CHAMP/IMPEDENCE)

Objective Structured Clinical Examination (OSCE)
M.D.Branch I General Medicine

5 stations, 5X10 =50Marks,

Stations

1. Case Studies/ Critical Care
2. Case studies/Toxicology
3. Specimen
4. Slide
5. Instruments/Charts
6. X-Ray
7. ECG
8. USG/CT/MRI/ECHO
9. ABG/Ventilator Setting
10. Procedures

Objective Structured Clinical Examination (OSCE)
M.S. Branch I General Surgery

5 stations, 5X10 =50Marks,

Stations

1. Lab Investigations
2. Imaging Methods (MRI/CACT/Contrast)
3. Drugs

4. Preoperative Scenario
5. Clinical Scenario
6. Post Operative Scenario
7. Laproscopy Instruments
8. Specimens
9. Surgical Procedures
10. Communication Skills -Ethics

Objective Structured Clinical Examination (OSCE)
M.D.Branch XVI Geriatric Medicine

**5 stations, 5X10 =50Marks,
Stations**

- 1. Images –X Rays/CT**
- 2. Laboratory Investigations**
- 3. Procedures**
- 4. Emergency**
- 5. Communication Skills**
- 6. Drugs**
- 7. Disability**
- 8. Nutrition**
- 9. Rehabilitation**
- 10. Geriatric Assessment Tools**

Objective Structured Clinical Examination (OSCE)
M.S. OBSTETRICS AND GYNAECOLOGY

5 stations, 5X10 =50Marks,

Stations

1. Early Diagnosis of Pregnancy
2. Abnormal Pregnancy
3. Labour related –Partogram
4. Contraception
5. Instruments
6. Common Drugs
7. Specimen
8. Histopathology Slides
9. Radiodiagnosis (USG, CT, DOPPLER, X-ray)
10. Latest Management – Obstetrics

Objective Structured Clinical Examination (OSCE)
M.S.Branch III Ophthalmology

5 stations, 5X10 =50Marks,

Stations

1. Microbiology – Slide/ Picture
2. Instrument/equipment
3. Imaging –radiology
4. Imaging-Ophthalmic

5. Surgical skill demonstrating one surgical step eg.
Applying one suture under the microscope
6. Fields –Interpretation
7. Decision making –case Scenario
8. Ethics –eg-consent banking, use actors
9. Pharmacology
10. Optics
11. Clinical picture- Anterior segment
12. Clinical picture –Posterior segment
13. Angiogram –FFA
14. Video – any procedure
15. Confrontation fields, examination of pupil,
exophthalmometry,
16. Viva – recent Advances
17. Viva – Community ophthalmology

Objective Structured Clinical Examination (OSCE)
M.S.Branch II Orthopaedic Surgery

5 stations, 5X10 =50Marks,

Stations

1. X Ray
2. CT

3. MRI
4. Orthosis and Prosthesis
5. Implants for Trauma
6. Implants for Joints/Spine
7. Surgical Procedures
8. Clinical procedures
9. Deformities
10. Histopathology

Objective Structured Clinical Examination (OSCE)
M.D.Branch VII Paediatrics

5 stations, 5X10 =50Marks,

Stations

1. Images
2. Laboratory Data
3. Integrated Management of Neonatal and Childhood illness
4. Procedures
5. Counselling Scenario
6. Developmental Assessment
7. Clinical Photograph
8. Peripheral Blood smear
9. Dermatology
10. Neonate

Objective Structured Clinical Examination (OSCE)

M.D.PHYSICAL MEDICINE & REHABILITATION

5 stations, 5X10 =50Marks,
Stations

1. Orthotics/Prosthetics –2
2. Physical Modalities-2
3. X rays –1
4. CT/MRI-1
5. Slide-1
6. Spotter Pathology-1
7. ECG/ECHO/PFT/EMG-2

Objective Structured Clinical Examination (OSCE)

M.D.Branch XVIII PSYCHIATRY

5 stations, 5X10 =50Marks,
Stations

1. Neuro Anatomy
2. Neuro Physiology
3. Psycho Pharmacology
4. Psychology
5. Diagnostic Stools
6. Major Mental Disorders-Case Scenario

7. Child Psychiatry
8. Organic Illness
9. Management - Psycho Pharmacology
10. Psychological Management

Objective Structured Clinical Examination (OSCE)
M.D.Branch VIII Radiodiagnosis

5 stations, 5X10 =50Marks,

Stations

1. Practical Ultrasound
2. Radiographic Positioning
3. Procedures and technique :
Types: IVU, angio, mcu, all interventions with catheters and images
4. Radiological Anatomy – any modality (unmanned)
5. Consent for procedure & communication
6. Emergency management
7. Radiation protection / Safety
8. Station on Artifacts

Objective Structured Clinical Examination (OSCE)
M.D.Branch IX RadioTherapy

5 stations, 5X10 =50Marks,

Stations

1. Slides-2
2. Specimen –2
3. Imaging-X Ray-2
4. Instruments –2
5. Radiation Physics
6. Chemotherapy
7. Radio Biology (4R)Chart
8. Brachytherapy
9. High Precision RadioTherapy
- 10.Paediatric Malignancy

Objective Structured Clinical Examination (OSCE)
M.D.Branch XVII Tuberculosis and Respiratory Diseases

5 stations, 5X10 =50Marks,

Stations

1. Case Studies/Critical Care
2. Clinical Pathological correlation studies
3. Specimen/Chart
4. Slides –Pathology

5. Instruments
6. X-Rays
7. CT/MRI/Contrast studies/USG
8. ABG/Ventilator Setting/Procedure
9. PFT
10. Slides -Microbiology

General Instructions

1. Each candidate should be examined by a set examiner (One Internal and one external).
2. No case sheet writing.
3. Fifteen clinical cases (not to be named as a long case or short case) should be kept ready in separate cubicles.
4. The examiners should take each candidate to 5 cases at random from the 15 cases, for examination and discussion.
5. The examiners should observe the technique and methodology of examination in each case and questioning should be completed within the prescribed time for each case (15 min/case)
6. Skilled Assistant should sound the bell as per the prescribed time for each candidate in each exercise.
7. In case of ward rounds, the skilled assistant may read out brief history to the candidate.
8. At least 15 OSCE stations [manned and unmanned(response)] should be kept ready, so that each candidate will get different stations. Skilled assistants will be present in manned stations.

9. Viva, Discussions on Logbook, Discussion on Dissertation should be conducted by one set of examiner (One Internal and one external) for each candidate (15 min/candidate)
10. The candidate should face alternate set of examiners for every other exercise.
11. The questions by the examiners should be of Academic Nature only. The questions should not be personal like name of the candidate, Which college the candidate belongs to, service or Non service Candidate, regular or arrear candidate, Parents, profession etc,
12. The examiner should not eat or drink while observing and discussing with the candidate. They can do so in the break time prescribed.
13. Use of cell phones is strictly prohibited inside the Examination Hall.
14. Tea, snacks and lunch should be provided to the candidate in tea break and lunch break respectively.

Clinical Discussion and OSCE

Candidate	Case Discussion	OSCE- Unmanned Stations
1	8.30 –9.45 AM (Set A Examiners)	10-10.30 AM
2	8.30 –9.45 AM (Set B Examiners)	10.30-11AM
3	9.45-11AM (Set A Examiners)	11.15-11.45AM
4	9.45-11AM (Set B Examiners)	11.45-12.15PM
5	11.15-12.30 PM (Set A Examiners)	8.45 –9.15AM
6	11.15-12.30 PM (Set B Examiners)	9.15-9.45 AM

11.00 –11.15 break

***** The candidate should face alternate set of examiners for every other exercise.**

Clinical Discussion

- 1.Candidate 1,3,5 – Set A Examiners**
- 2.Candidate 2,4,6 - Set B Examiners**

Ward Rounds

- 3.Candidate 1,3,5 – Set B Examiners**
- 4.Candidate 2,4,6- Set A Examiners**

Viva On Recent Advances/ Procedures/Emergency management

- 5. Candidate 1,3,5 – Set A Examiners**
- 6.Candidate 2,4,6- Set B Examiners**

Log Book Evaluation and Discussion

- 7.Candidate 1,3,5 – Set B Examiners**
- 8.Candidate 2,4,6- Set A Examiners**

Dissertation

- 9.Candidate 1,3,5 – Set B Examiners**
- 10.Candidate 2,4,6- Set A Examiners**

II) TO POSTINGS OF M.S.(OPHTHALMOLOGY) STUDENTS IN OTHER SPECILITIES.

The Speciality training in other specialities will be confined to 15 days posting each in Neurology, Neurosurgery and Diabetology and the posting will be shifted to the Second year. The postings of candidates to these Specialities rests with the discretion of the Head of the Department of the concerned Institititons.

III) THE PATTERN OF QUESTION PAPER FOR THE POST GRADUATE DIPLOMA AND DEGREE COURSES IN THE SPECIALITY OF DERMATOLOGY, VENEREOLOGY AND LEPROSY.

The Change of name of question papers for the P.G. Degree and Diploma courses in the speciality of Dermatology, Venereology and Leprosy as detailed below and the same will be implemented from October 2011 Examination onwards.

Paper -1- Applied Basic Sciences.

Paper -2- General Dermatology, Leprosy and Venerology.

Paper -3- Skin Manifestations of Systemic Diseases
and Therapeutics.

Paper -4- Recent Advances.

I am to request that the above decision of the Standing Academic Board as mentioned as above may be communicated to all the Professors and Head of Departments for information and further follow - up action in this regard. I am also to request that a copy of this letter may be displayed on the Notice Board of the College/Hostel for information of the students concerned.

-21-

I request that the receipt of this letter may be acknowledged.

Yours faithfully,

for REGISTRAR (FAC)