

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

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Rc.No. AC-I(1)/ 13506/2011

Dated:29 .07.2011

To

The Deans/Principals of the
Medical Colleges affiliated to this University

Sir/Madam,

Sub: Academic – The T.N Dr. M.G.R Medical University,
Chennai-32 – Recommendation of the Board of studies in
II MBBS degree course passed in the 41st Meeting of the Standing
Academic Board held on 14.06.2011 - Communicated – Reg .

- Ref: 1. Minutes of the meeting of the BOS in Second MBBS degree
course held on 02.05.2011.
2. Minutes of the 41st Meeting of the Standing Academic Board
under Agenda No.IV(6), held on 14.06.2011.
3. Resolution No.30, passed at 204th Meeting of Governing Council
held on 12.07.2011.

I am to inform that the Board of Studies in Second MBBS degree course in its
Meeting held on 02.05.2011 has recommended various academic issues relating to
Second MBBS degree course. The recommendations were approved in the 41st Meeting
of the Standing Academic Board held on 14.6.2011 and also approved under Resolution
No.30 passed at the 204th meeting of the Governing Council held on 12.7.2011, which
are narrated below.

I. TO INCORPORATE THE FOLLOWING MODIFICATIONS IN THE PATTEN OF PRACTICAL AND VIVA-VOCE OSPE EXAMINATIONS.

Pharmacology:

The following guidelines are to be attached under heading OSPE:

I. DRUG FORMULATION (10 marks):

The candidate should be able to define the drug formulations and enumerate the drug, which are dispensed in such form [eg. Syrup, suspension, ointment, paste, drops, parenteral preparations, etc.]

II. DRUG APPLIANCES (10 marks)

The candidate should be able to identify the appliances and instruments eg. Inhaler, Nebuliser, Rota rod, Hot plate, Analgsiometer, Actophotometer, IV set, Injections – etc and demonstrate their handling.

III. INTERPRETATION OF CHARTS (10 marks)

The candidate should be capable of interpreting the clinical charts and graphical representations depicting drug effects.

IV APPLIED PHARMACOLOGY (10 marks)

The candidate should identify the drug of choice for a particular clinical condition, eg.,

1. Acute / Chronic / Status Asthmaticus from a tray containing all anti-asthmatic drugs.

2. Mild / Moderate / Severe / Malignant Hypertension from a tray containing all anti hypertensive drugs.

3. Acute Gastro enteritis with / without dehydration from a tray with ORS & IV Fluids.

The following amendments are proposed under heading Practicals

Spotters shall be removed from the list and the marks be re-distributed as follows:

Practical I

| | No. of cases | Time | Maximum |
|--|--------------|------|-----------|
| 1. Prescription Writing | 1 | 10 | 10 |
| 2. Prescription Audit | 1 | 10 | 10 |
| 3. Clinical problems solving Exercises (therapy oriented problems of drug adverse reaction and interaction of commonly used drugs) | 1 | 10 | 10 |
| 4. Dosage calculation | 1 | 05 | 10 |
| 5. Pharmaco economic problem | 1 | 05 | 10 |
| | | | <u>50</u> |

Practical –II

| | | | |
|-------------------------------------|---|----|-----------|
| 1. Toxicology | 1 | 10 | 25 |
| 2. clinical Pharmacology Assessment | 1 | 20 | 25 |
| | | | <u>50</u> |

Forensic Medicine:

The following amendments are proposed:

Practical –I Major Exercise (Any one) instead of 30 marks it should be 40 marks.

Practical –II (Minor exercise)

1. Assessment of Age of Given Fetus shall be deleted
2. Viscera Packing shall be deleted

The Marks stand redistributed as follows

1. Sexual offence case Examination :15 marks instead of 10
2. Issue of Medio Legal Certificates/clinical :15 marks instead of 10 marks
3. Postmortem Certificate Interpretation : 10 marks
4. Spotters (10spotters) : 20 marks instead of 10 marks

The Total marks for PRACTICAL-1 shall be 40 MARKS and for PRACTICAL – II shall be 60 MARKS

(Practical I is for 40 Marks and Practical II is for 60 Marks; Total 100 Marks)

The Following exercises are to be included under heading OSPE

1. Assessment of age of a Given Foetus : 15 Marks
2. Viscera Packing : 15 marks
3. Estimation of stature : 15 marks
4. Analysis of reporting on the : 15 marks

The marks distribution for Viva and OSPE exams shall be changed as follows:-

- | | | |
|-----------------------------------|---|----------|
| Viva Voce (4 Examiners x 10marks) | : | 40 marks |
| OSPE (4stations x 15marks) | : | 60 marks |

Guidelines for Conducting OSPE exercises:

1. Assessment of age of a Given Foetus : 15 Marks

The foetus specimen is to be displayed on a tray, the candidate will examine the specimen and note down the external features relevant for age estimation; the candidate will measure the 'crown heel length' of the foetus and calculate the age of the foetus using the 'Rule of Hasse'; the candidate will also write a note about the viability of the foetus.

(The internal examiner will make necessary arrangements well in advance to supply the foetus specimens to the candidates)

2. Viscera Packing : 15 marks

A sample specimen of viscera, viscera bottle with lid, cloth for covering the lid, string to tie the cloth around the lid, sealing wax, candle and the metal seal will be kept on a tray, the candidate will be asked to pack the viscera and prepare a label with the given details of the deceased.

(The internal examiner will make the necessary arrangements to make the materials available during the examination)

3. Estimation of stature 15 marks

The candidate will be selecting the appropriate bone from the cluster of bones kept in a tray, measure the height of the bone and calculate the stature of the individual.

(The internal examiner will make the necessary arrangements to provide the cluster of bones and the 'Osteometric Board')

4. Analysis of reporting on the Medico Legal Photographs : 15 marks

The candidate will make the observations on the Medico Legal Photographs provided, write down the opinion / inferences relevant to the questions given.

(The internal examiner will make the necessary arrangements to provide the Medico Legal photographs with observable findings and give appropriate questions)

Microbiology:

The following modifications be made:

In Practical- Hanging Drops with 10 marks should be deleted.

For Immuno Serology - 15 marks instead of 10 marks and
for Identification of Bacterial/fungal

culture -15 marks be given instead of 10 marks

The above modification in the pattern of practical and Viva-Voce OSPE examination will come into effect from February 2012 examination onwards.

**REVISED SYLLABUS FOR PATHOLOGY SUBJECT TO BE IMPLEMENTED
IN SECOND MBBS DEGREE COURSE**

The Revised Pathology subject in Second MBBS degree course will be implemented to the students those who are admitted MBBS course from the academic year 2010-11 onwards.

The Revised pathology subjects for II M.B.B.S. course has been uploaded in the website of the University.

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

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

Yours faithfully,

Sd./-

REGISTRAR(FAC)