



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

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Dr. K SIVASANGEETHA, M.D.,
REGISTRAR (FAC)

Ref.No.ACAIII(2)/06555/2026

Dated: 22 .09.2026

To
The Dean/Principal of all affiliated Medical Colleges.

Sir/Madam,

Sub:	Academic – The Tamil Nadu Dr MGR Medical University, Chennai – Resolution of 65 th Standing Academic Board for/ First MBBS Degree Course held on 19.08.2026 – Communicated – Reg.
Ref:	Minutes of the Board of Studies Meeting of First MBBS Degree course held on 08.07.2026.
1	
2	Minutes of the 65 th SAB meeting held on 19.08.2026.
3	Resolution No.65 passed by the Governing Council in its 313 th meeting held on 28.08.2026

I am to inform you that, the recommendations of the First MBBS Board of Studies held on 08.07.2026 was placed before the 65th Standing Academic Board held on 19.08.2026. The approval of the Standing Academic Board was informed to the Governing Council vide Resolution No. 65 of the 313th Meeting of the Governing Council held on 28.08.2026.

The 65th Standing Academic Board has discussed and resolved the following points :

POINT NO.1

TO DISCUSS ON THE SUGGESTIONS SUBMITTED BY Dr. SARALA DEVI, PROFESSOR HOD OF ANATOMY, REGISTRAR (ACADEMICS), ESIC MEDICAL COLLEGE AND HOSPITAL, CHENNAI THE CHAIRMAN OF BOARD OF STUDIES IN FIRST MBBS

The Standing Academic Board has resolved that –

Subject -Specific Hours in uniform Time-Table to be Revised:

The Standing Academic Board discussed and accepted on “The affiliated

institutions may use the time table template provided by the University for MBBS phase I and prepare time-table as per NMC norms including all components of CBME”

Question Paper Standards from A.Y 2026-27 onwards:

With regard to the option of using running numbers in question papers, it was deliberated and resolved to follow the existing practice of numbering system in the University Question Papers in order to avoid any data overlaps in the already established system of examination process.

Regarding the blue prints and Distribution of internal assessment marks, the approved “Blue Print for setting Question Paper” and “Distribution of internal assessment marks for Eligibility calculation (as per CBME 2024)”, for Anatomy, Physiology and Biochemistry are as follows and the same will be implemented for the students admitted from the Academic Year 2026-27 onwards:

ANATOMY

THEORY

Question paper setting Blueprint – (from 2026-27 Admission Batch onwards) Approximate mark distribution suggested

Anatomy-Paper I	
Topics	Marks
Upper limb	18-22
Lower limb	18-22
Abdomen	16-20
Pelvis	8-10
General Histology& Systemic Histology (pertaining to Paper I)	8-12
General Embryology& Systemic Embryology (pertaining to Paper I)	8-12
General Anatomy	6
AETCOM	6
TOTAL	100

Anatomy-Paper II	
Topics	Marks
Head & Neck	28-32
Thorax	18-22
Neuroanatomy	20-24
Genetics	6-8
Systemic Histology (pertaining to PaperII)	6-8
Systemic Embryology (pertaining to PaperII)	6-8
AETCOM	6
TOTAL	100

**DISTRIBUTION OF INTERNAL ASSESSMENT MARKS FOR
ELIGIBILITY CALCULATION (AS PER CBME 2024)
(FROM ACADEMIC YEAR 2026-27 BATCH ONWARDS)**

DISCIPLINE: ANATOMY

THEORY								
IA-1	PCT-1	IA-II	PCT-II	Prelims	Continuous class test	Home assignment	SDL (seminar, Museum study, library assignment)	TOTAL MARKS
10	10	10	10	20	20	5	15	100

PRACTICAL									
1A-1	PCT-1	IA-II	PCT-II	Prelims	Certification of skills, OSPE, SVL activity	AETCOM	RECORD	RESEARCH	TOTAL
10	10	10	10	20	15	10	10	5	100

PHYSIOLOGY

THEORY

QP setting Blueprint- (From 2026-27 Admission Batch onwards) Approximate mark distribution suggested:

Paper 1 - Physiology

- General Physiology - 10 marks
- Nerve-Muscle Physiology - 10marks
- Blood – 20 marks
- GIT - 15 marks
- Excretory system - 15 marks
- Endocrinesystem - 15 marks
- Reproduction - 10 marks
- AETCOM (module 1.2) - 5 marks

Paper 2 - Physiology

- Cardiovascular Physiology – 25 marks
- Respiratory Physiology – 25 marks
- CNS - 30marks
- Special Senses - 10 marks
- Integrated Physiology – 5 marks
- AETCOM (module 1.3) - 5 marks

DISTRIBUTION OF INTERNAL ASSESSMENT MARKS FOR ELIGIBILITY
CALCULATION AS PER CBME 2024
(FROM ACADEMIC YEAR 2026-27 BATCH ONWARDS)

DISCIPLINE: Physiology

THEORY								
1A-1	PCT-1	IA-II	PCT-II	Prelims	Continuous Class test	Seminar	SDL (Home Assignment + Library assignment)	Total marks
10	10	10	10	20	20	10	10	100
PRACTICAL								
PCT-1	PCT -II	Prelims	Certification of skills, OSPE, SVL Activity		AETCOM	RECORD	RESEARCH	Total marks
20	20	20	15		10	10	5	100

BIO CHEMISTRY

THEORY

QP setting Blueprint-(From 2026-27 Admission Batch onwards)

Approximate mark distribution suggested:

PAPER I CONTENTS

S. No	Competency No.	Topic
1	BC1.1	Cell
2	BC2.1-2.5	Enzymes
3	BC 8.1	Vitamins
4	BC 9.1,9.2	Minerals
5	BC8.2 -8.6,7.2,7.1	Energy and Nutrition, Electron Transport chain, Citric acid cycle
6	BC3.1 -3.6	Carbohydrates Chemistry & Metabolism
7	BC 7.1,7.2	Integration of metabolism
8	BC4.1 -4.8	Lipids Chemistry & Metabolism
9	BC 12.1-12.3	Xenobiotics, Oxidative stress & Antioxidants
10	Module1.1	AETCOM (Mod 1.1)1.1 ● Enumerate and describe professional qualities and roles of a physician ● Describe and discuss commitment to lifelong learning as an important part of physician growth

PAPER II CONTENTS

S. No	Competency No.	Topic
1	BC5.1-5.9	Protein Chemistry & Metabolism, Hemoglobin chemistry & Metabolism
2	BC6.1-6.3	Extra cellular matrix
3	BC10.1-10.3	Nucleic acid Chemistry and Metabolism
4	BC10.4-10.6	Genetics
5	BC 10.7	Molecular Techniques & Diagnostics
6	BC 9.3	Acid Base Balance, Fluid & electrolytes balance
7	BC 11.1,11.2	Organ Function tests (kidney, liver, gastric, pancreatic thyroid and adrenal glands) and disorders, Hormones, Body Fluids
8	BC13.1-13.4	Cancer and tumor markers, Immunochemistry
9	BC 13.5,3.6,4.8	Lab Instrumentation, Investigations & Interpretation
10	AETCOM Module1.1	AETCOM(Mod1.1) ●Describe and discuss the role of a physician in health care system ● Identify and discuss physician's role and responsibility to society and the community that she/ he serves

❖ **For detailed contents refer to Syllabus.**

THEORY EXAMINATION BLUEPRINT

BIOCHEMISTRY PAPER I

S.No.	Topic	Long Essay (1x10=10)	Reasoning questions (2x5=10)	Short notes (10x6=60)	MCQs (20x1=20)	Total (100)
1	Carbohydrate chemistry and Metabolism					18
2	Lipid chemistry& Metabolism					15
3	Enzymes					12
4	Vitamins					14
5	Minerals					10
6	Energy & nutrition, ETC, TCA cycle					7
7	Cell					5
8	Integration of metabolism					8
9	Xenobiotics, Oxidative stress& Antioxidants					5
10	AETCOM (1.1)					6
	Total	10	10	60	20	100

 Essays can be from carbohydrate metabolism, lipid metabolism, Enzymes, vitamins or Minerals.

 Minimum 2 short notes should be related to applied aspects

BIOCHEMISTRY PAPER II

S. No.	Topic	LEQ (1x10=10)	Reasoning questions (2x5=10)	Short notes (10x6=60)	MCQs (20x1=20)	Total (100)
1	Protein chemistry and metabolism including heme metabolism					18
2	Extra cellular matrix & Tissue proteins					5
3	Nucleic acid chemistry and metabolism,					10
4	Genetics					10
5	Molecular Techniques and Diagnostics					10
6	Acid Base Balance & Electrolytes					14
7	Organ function tests, Fluid And electrolytes					12
8	Cancer and Tumour markers Immunology					10
9	Laboratory Instrumentation, Investigations & Interpretation					5
10	AETCOM (1.1)					6
	TOTAL	10	60	10	20	100

- Structured essay in paper 2
- Essays from S.No. 1, 4, 5, 6 & 7
- Minimum 2 short notes should be related to applied aspects
- Essay from Must know topics

DISTRIBUTION OF INTERNAL ASSESSMENT MARKS FOR
ELIGIBILITY CALCULATION AS PER
CBME 2024

(FROM ACADEMIC YEAR 2026-27 BATCH ONWARDS)

DISCIPLINE: BIOCHEMISTRY

THEORY								
1A-1	PCT-1	IA-II	PCT-II	Prelims	Continuous Class test	Seminar	SDL (Home Assignment + Library assignment)	Total marks
10	10	10	10	20	20	10	10	100

PRACTICAL									
1A-1	PCT-1	IA-II	PCT-II	Prelims	Certification of skills, OSPE, SVL Activity	AETCOM	RECORD	RESEARCH	Total marks
10	10	10	10	20	15	10	10	5	100

It was discussed in detail and accepted that the following **Restructured Bio Chemistry Practical Examination Pattern** shall be followed from the AY 2026-27 onwards.

RESTRUCTURING MBBS BIOCHEMISTRY PRACTICALS

SNO	TOPIC	MODE	MARKS	COMMENTS
1	<u>Exercise:1</u> Writing up a proper required investigation request for the given patient/ scenario.	SKILL & DISCUSSION 20 MARKS		Question for the experiment must include name, age, gender, ward, key complaints and clinical findings. Questions for(a)&(b)has to be separate.
	a) Writing appropriate Biochemistry Tests Requests form (with name, age, gender, ward, probable diagnosis and key complaints & findings if any) – list of investigations required along with normal values.		5	
	b) Estimation of any one analyte for which procedure will be given – Accuracy check & answers to questions given. (Questions to be asked shall be method of estimation, principle, reference range, writing results, interferences, pre-analytical errors and clinical interpretation)		5	Memorizing procedures can be avoided and students shall be made to focus on clinical interpretation and questions shall be made to assess HOTS (Higher Order Thinking Skill)
	c) Viva		10	Estimation of Glucose, Urea, Creatinine, Protein, Albumin, Uricacid, Total Cholesterol, Triglycerides must be included.
	<u>Exercise:2</u> Identify the 2 abnormal constituents a) Identify the two abnormal constituents in the given sample and b) Generate the Urine report and write the clinical interpretation. (Urine Report format: Attached in Enclosure) c) Viva	SKILL & DISCUSSION 20 MARKS	5 5 10	Two tests alone to be done in following combinations. i. Protein & Blood– Positive ii. Protein– Positive, Blood– Negative iii. Protein–Negative ,Blood – Positive iv. Red.Sub & KB – positive v. Red.Sub– positive, KB– Negative vi. Red. Sub – Negative, KB – Positive vii. Red sub & Protein – Positive viii. Bile salts & Bile pigments - Positive

3	<u>Exercise:3</u> Discussion with various charts related with Biochemistry	DISCUSSION 15 MARKS	3charts Each 5 marks	Charts from IEM, Molecular biology, Enzymology, Organ function tests, ABG, Nutrition
4	<u>Exercise:4</u> 6stations–1performance&5response PERFORMANCE STATION: Any one - Capillary Blood Glucose assay with Glucometer strip (POCT) - Urinometer–specific gravity measurement - Test for Chloride - Test for Calcium - Test for Phosphorus - Specific Urease test - Benedict's Uric acid test - Ferric Chloride test - Di nitro phenyl hydrazine test - Cyanide-Nitro prusside test - AETCOM–24hoursurine collection - AETCOM –OGTT/GCT - AETCOM–Genetic counselling - AETCOM–Revealing abnormal reports	OSPE 25 MARKS	Each station 5 marks 1 x 5 = 5	For performance question has to be displayed from which the student has to identify the test and then perform.

	RESPONSESTATION: 1 each from i. Instruments including Biomedical waste management. ii. Graphs – HbA1c Chromatogram, EPP densitometry graph iii. Steroid molecule – identification and its clinical importance iv. Calculation – A:G ratio, Friedwald's formula, Clearance & GFR, Corrected calcium, Serum Osmolality, Anion gap v. Molecular Techniques–Quantitative PCR graph, Sequence match, identifying hydrophobic segment, identifying motifs domain.		5 x 4 = 20	For response station – in case study diagnosis shall be given and biochemistry behind that to be assessed and questions shall be made to assess the HOTS.
5	VIVA		20 marks	

Enclosure:

URINE REPORT

S.NO.	TEST NAME	RESULT	COMMENTS
1.	Colour		
2.	Appearance		
3.	Urine pH/Reaction to litmus		
4.	Specific gravity		
5.	Protein		
6.	Blood		
7.	Glucose		
8.	Ketone body		
9.	Bile Salts		
10.	Bile Pigments		
11.	Urobilinogen		
12.	Nitrite		

The patient's urine sample shows_____

Inclusion of Mandatory attendance Column in the Galley for AETCOM & FAP Program:

The Standing Academic Board resolved to include mandatory attendance percentage column in the Examination Galley for AETCOM, Family Adoption Programme and the same shall be maintained phase- wise as per NMC guidelines

Provision of Records:

It has been discussed and accepted that the Academic & Assessment Records soft copy will be made available in the University website with suggested modification and the individual institutions shall download the same.

Henceforth, the procedure of dispatching hard copies shall be dispensed with.

Attendance Management:

It has been discussed and decided that the marks for the attendance component in the internal assessment marks calculation shall be **withdrawn** as it is not mentioned in the revised CBME Curriculum Guidelines-2024. This will be implemented from the 2026-2027 batch admission onwards.

NMC Compliance:

It has been discussed on when a subject is taught across the phases, the provision for entry of attendance percentage for each phase to be made available in the final Galley of the respective subjects and the same was accepted.

Regarding the FAP visits, the institutions can plan the schedule as per their feasibility strictly adhering to NMC guidelines

POINT NO. 2**TO DISCUSS AND DECIDE ABOUT CONDUCTING PRACTICAL EXAMINATIONS FOR PERSONS WITH BENCHMARK DISABILITIES (PwBD), SPECIFIC LEARNING & VISUAL DISABILITY CANDIDATES FOR FORTHCOMING EXAMINATIONS FOR FIRST TO FINAL YEAR M.B.B.S. EXAMINATIONS ADMITTED FROM THE ACADEMIC YEAR 2025-2026**

The Standing Academic Board has resolved that the affiliated institutions having admitted the students under PwBD shall provide reasonable accommodation so as to provide all assistance to enable functional ability on individual basis in teaching, learning and assessment as per the existing provisions available under the Act prescribed by Ministry of Social Justice & Empowerment, National Medical Commission and Government of Tamil Nadu from time to time. In this regard, it is to be noted that the existing pattern of examination be followed for these candidates.

ANY OTHER MATTER:

The Standing Academic Board has resolved to approve the following-

1. The Academic & Assessment Records soft copy will be made available in the University website and the individual institutions shall download the same. Henceforth, the procedure of dispatching hard copies shall be dispensed with.

2. The institutions may use the time table template provided by the University for MBBS phase I and phase II and prepare phase III part I and part II time table as per NMC norms including all components of CBME.

3. Format of Family Adoption Program (FAP) log book: - Pursuant to the DME&R's initiative of implementation of "Community First" digital portal, the decision regarding introduction of standardised FAP log book shall be in accordance with the implementation framework of above said portal. After implementation, the same may be reviewed in the subsequent Board of Studies.

I am to request that the decision of the Standing Academic Board as mentioned above be communicated to all the Professors and Head of the Departments of your Institution for information and a copy of the letter be displayed on the Notice Board of the College / Hostel for the information of the Students.

The receipt of this letter may be acknowledged immediately.

Yours faithfully,


22/9/26
for REGISTRAR

Copy to

1. The Personal Secretary to the Vice-Chancellor
2. The Personal Secretary to the Registrar
3. The Controller of Examinations
4. The Additional Controller of Examination-MBBS Section
5. The Assistant Registrar Examination Wing -MBBS Section
6. The Assistant Registrar Examination Wing -MBBS Section
7. The System Analyst – with a request to publish in the University Website.


22/9/26