



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed to be University u/s 3 of UGC Act, 1956)

Grade 'A⁺⁺' Accredited by NAAC

Sector-01, Kamothe, Navi Mumbai -410 209

Tel 022-27432471, 022-27432994, Fax 022 -27431094

E-mail: registrar@mgmuhs.com; Website : www.mgmuhs.com

COMPETENCY BASED MEDICAL EDUCATION

(CBME)

(with effect from 2020-2021 Batches)

Curriculum for
Third M.B.B.S – Part II
General Medicine

Amended upto AC-52/2025, Dated 28/11/2025

Amended History

1. Approved as per AC-41/2021, [Resolution No. 4.34.i], Dated 27/08/2021.
2. Amended upto AC-42/2022, [Resolution No. 3.32], Dated 26/04/2022.
(Incorporated at the end of syllabus).
3. Amended upto AC-44/2022, [Resolution No. 5.38], Dated 09/12/2022.
4. Amended upto AC-46/2023, [Resolution No. 5.25], [Resolution No. 5.26]
Dated 09/12/2022.
5. Amended upto AC-49/2024, [Resolution No. 4.25], Dated 25/04/ 2024.
6. Amended upto AC-50/2024, [Resolution No. 4.116], Dated 27/11/ 2024.
7. Amended upto AC-51/2022, [Resolution No. 4.29], [Resolution No. 4.30]
Dated 29/04/ 2025.

8. Amended upto AC-52/2025, [Resolution No. 6.20], Dated 28/11/2025
9. Amended upto AC-52/2025, [Resolution No. 6.21], Dated 28/11/2025
10. Amended upto AC-52/2025, [Resolution No. 6.23], Dated 28/11/2025

Resolution No. 4.34.i of AC-41/2021: Resolved to approve the changes in “Syllabus & Assessment Scheme” in Medicine & Allied, from CBME batch (UG) admitted in 2019 onwards

**[ANNEXURE-53A, 53B SYLLABUS FOR MBBS CBME BATCH
SUB- MEDICINE & ALLIED
MEDICINE
PHASE II**

Total teaching hours- 25

TEACHING HOURS	LECTURE	TUTORIAL/SEMINAR/ INTEGRATED TEACHING	SDL
25	25	-	-

Syllabus

TOIPC	NUMBER OF COMPETENCIES TO BE COVERED AS THEORY	LECTURE	TUTORIAL/SEMINAR/ INTEGRATED TEACHING (NA)	SDL (NA)
IM3 Pneumonia	7	3	-	-
IM4 Fever andfebrilesyndromes	11	5	-	-
IM6 HIV	10	3	-	-
IM25 MiscellaneousInfections	4	3	-	-
IM15 GI bleeding	10	4	-	-
IM16 Diarrhealdisorder	11	3	-	-
IM 5 Liverdisease	8	4	-	-

PHASE III

TEACHING HOURS	LECTURE	TUTORIAL/SEMINAR/ INTEGRATED TEACHING	SDL
65	25	35	5

SYLLABUS

TOIPC	NUMBER OF COMPETENCIES TO BE COVERED AS THEORY	LECTURE	TUTORIAL/SEMINAR/ INTEGRATED TEACHING	SDL
IM9 Anemia	10	8	5	2
IM13 Common malignancies	6	2	1	-
IM11 Diabetes Mellitus	10	4	3	1
IM12 Thyroid dysfunction	6	3	2	1
M14 Obesity	8	2	1	-
IM23 Nutritional and Vitamin Deficiencies	4	1	3	1
M24 Geriatrics	21	5	2	-
Total		25	17	5
			Remaining 18 hrs Integrated sessions-12 hrs (for all topics) Seminars by students- 6 hrs Total- 35 hrs	

PHASE IV

TEACHING HOURS	LECTURE	TUTORIAL/SEMINAR/ INTEGRATED TEACHING	SDL
210	70	125	15

SYLLABUS

TOIPC	NUMBER OF COMPETENCIES TO BE COVERED AS THEORY	LECTURE	TUTORIAL/SEMINAR/ INTEGRATED TEACHING	SDL
IM1 Heart Failure	13	10	2	3
IM2 Acute Myocardial Infarction/IHD	14	5	2	2
IM8 Hypertension	9	5	1	1
IM7 Rheumatologic problems	11	5	1	1
IM10 Acute Kidney Injury and Chronic renal failure	19	10	2	1
IM22 Mineral, Fluid Electrolyte and Acidbase Disorder	13	4	1	1
IM17 Headache	6	1	1	-
IM18 Cerebrovascular accident	9	8	2	2
IM19 Movement disorders	4	1	1	1
IM20 Envenomation	5	2	1	1
IM21 Poisoning	5	4	1	2
		=55	=15	15
		+15 REVISION TOPICS FROM PHASE 3	+60 { 10(ECG)+10(XRAYS)+10(LAB REPORTS)+10(EMERGEN CIES)+10(INSTRUMENTS) +10(DRUGS) } +16 INTEGRATED TEACHING+34 SEMINARS	
		55+15=70	=15+60+16+34=125	15

ALLIED SUBJECTS

PRACTICAL-

Dermatology-

III rdsem, (Phase II)- 25 marks

VI th(III MBBS Part I)-25 marks

VIIIthsem(III MBBS Part II) – 25marks

Total = 75 marks

Respiratory Medicine-

IV thSem (Phase II)– 25 marks

Psychiatry-

III rdsem(Phase II)- 25 marks

VII thsem (III MBBS Part I) – 25

Total = 50 marks

Total (All allied subjects) =150 marks

Pattern of question paper

50 marks paper

Section A

MCQ- 10 of ½ mark each- 5 marks

Section B

LAQ- 2 of 10 marks each- 20 mark SAQ – 5 of 5 marks each- 25

Total- 50 marks

100 marks paper

Section A

MCQ- 20 of ½ mark each-10 marks

Total – 10 marks

Section B-

LAQ- 2 of 10 marks each- 20 mark

SAQ – 6 of 5 marks each- 30

Total- 50

Section C-

LAQ 1 of 10 mark-10 mark

SAQ 6 of 5 marks each- 30

Total -40

Grand total- 100 (Section A+B+C)

Resolution No. 4.116 of Academic Council (AC-50/2024): Resolved to approve the revised pattern of Internal assessment as per NMC guidelines for UG CBME batch joined in 2023. [ANNEXURE- 120B]

Revised internal assessment pattern

Ref.

NMC document

National Medical Commission (Undergraduate Medical Education Board)

No. U. 1 4021 1812023-UGMEB Dated, the 01st August, 2023

To be applicable from batch joining in 23

Theory

	IA-1 Phase II	IA-2 Phase III	IA-3 Phase IV (prelim)	Total
MARKS	100	100	200	400

Continuous Internal assessment

Home assignment- 5 marks in each phase II, Phase III & Phase IV- Total 15

Seminar- Phase IV- Marks- 15

Continuous class test- 15 marks each in Phase III & Phase IV- Total 30 marks

Museum study- Phase III & IV- one in Phase III & 2 in Phase IV 5 & 10 marks each- 15 marks

Library assignments- Phase IV- 15 marks

Continuous Internal assessment

Activity	Phase	Marks	Total marks
Home assignment	II, III & IV	5 marks in each phase	15
Seminar-	IV	15	15
Continuous class test	III & IV	15 marks in each	30
Museum study	II ,III & IV	5 marks in each phase	15
Library assignments	IV	15	15

Each activity will be held as small group activity except continuous class test & seminar presentation

Final internal assessment

Theory

	Phase II	Phase III	Phase IV (prelim)	Continuous Internal assessment	Attendance Cumulative of all phases II+III+IV	Grand total
MARKS	100	100	200	90	10	500

Practical

	Phase II Ward Leaving exam	Phase III Ward Leaving exam	Phase IV Ward Leaving exam	Phase IV (prelim)	Grand total
MARKS	40 + 10 Dermatology Total- 50	30 + 10 each in Dermatology & Psychiatry Total -50	80 + 20 Dermatology Total- 100	200	400

Continuous Internal assessment

Activity	Phase	Marks	Total marks
Certifiable Skill based competencies	III & IV	50 marks in each phase	100
AETCOM	IV	40	40
SVL lab activity	III & IV	20 marks in each phase	40
Journal	III & IV	20 marks in each phase	40
Research	II, III & IV	5 5 10	20
Attendance	II, III & IV	10	10
Total			250

Log book	II, III & IV	II- 20 III-80 IV- 100	200
-----------------	-------------------------	--------------------------------------	------------

certifiable skills-

OSCE stations in each ward leaving exam

Journal- 10 histories in phase III & 20 in Phase IV

AETCOM- Role play , Skits & communication skills stations

Final internal assessment**Practical**

	Phase II	Phase III	Phase IV	Phase IV (prelim)	Continuous Internal assessment	Attendance Cummulative of all phases II+III+IV	Grand total
MARKS	50	50	100	200	240	10	650

Continuous Internal Assessment (Theory)**CBME 2023 BATCH****SUB: GENERAL MEDICNE****TOTAL MARKS 100**

HOME ASSIGNMENT	SEMINAR	CONTINUOUS CLASS TEST LMS	MUSEUM STUDY	LIBRARY ASIGNMENT	ATTENDANCE THEORY
			SDL		
15	15	30	15	15	10

1. Home assignments**T L METHOD – Problem base study**

Students will be asked to do home assignments on various Problem based questions, Give reasons, SLOT etc.

2. Seminar –

Group of 5-6 students will prepare and present the seminar on the topics or syllabus covered in previous phases

3. CONTINUOUS CLASS TEST (LMS)

Class test will be conducted during theory classes once in 2 weeks in the first 15b minutes on the topics covered in last 2 weeks.

4. Museum study Module (draft)

As Continuous Internal Assessment (Theory)

Marks 15

For PHASE - III / IV (as per decision)

T-L method: SGT / SDL

Students will be sent in small group of 25-30 students to the dept of anatomy/pathology for museum study and will study the specimens and slides related to topics in General Medicine.

e.g.

1. **Malaria** –Peripheral smear examination OR malaria antigen test
2. **Diabetes Mellitus** - examination of specimen of Amputated foot
3. **Liver cirrhosis**-Different specimens of liver cirrhosis will be studied
4. **Anemia and blood disorders** – slides Of different types of Anaemia and blood disorders will be studied.

Attendance Record will be taken from the dept they will visit

Feedback from the students will be taken

5. Library Assignment Module (draft)

As Continuous Internal Assessment (Theory)

Marks 15

For Phase- II/III/IV (as per decision)

T L Method- SDL

Students will be divided in groups of 5-6.

They will be given different topics to study in Library/e Library.

They will have to prepare Power Point presentation on the given topic in the dept.

Attendance

Photographs

Feedback from the students

6. Marks for Attendance –

At the end of phase 4 cumulative attendances of each student will be calculated and marks will be given accordingly.

SCHEME OF SUMMATIVE ASSESSMENT FOR BATCH JOINED IN AUG 2019

SUBJECT – MEDICINE & ALLIED

Theory

Total marks-200

Paper I

Total marks- 100

Section A – MCQ- Total marks-20 (20 questions of 1 mark each)

Time- 20 minutes

Section B- Total marks- 40

Q 1 Give reasons (5 out of 6) = 1 mark each=5marks

Q 2 LAQ= 20 marks

A Problem based question- 10 marks

B Structured long answer question- 10 marks (**one out of two questions**)

Q 3 SAQ (3 out of 4)= 15

Section C-

Total marks- 40

Q 1 Give reasons (5 out of 6) = 1 mark each=5marks

Q 2 LAQ= 20 marks

A Problem based question- 10 marks

B Structured long answer question- 10 marks (**one out of two questions**)

Q 3 SAQ (3 out of 4)= 15

Paper II

Total marks= 100

Section A –

MCQ- Total marks-20 (20 questions of 1 mark each)

(10 questions from allied subjects, ie Resp Med, Psychiatry , Dermatology)

Time- 20 minutes

Section B- Total marks- 40

Q 1 Give reasons (5 out of 6) = 1 mark each=5marks

Q 2 LAQ= 20 marks

A Problem based question- 10 marks

B Structured long answer question- 10 marks (**one out of two questions**)

Q 3 SAQ (3 out of 4)= 15

Section C-

Total marks- 40 (allied subjects, ie Resp Med, Psychiatry , Dermatology)

Q 1 LAQ= 10 marks (Resp Medicine) (**one out of two questions**)

Q 2 SAQ (2 out of 3)= 10 (Resp Medicine)

Q 3 SAQ (2 out of 3)= 10

Psychiatry

Q 4 SAQ (2 out of 3)= 10

Dermatology

Total marks for allied subjects – 50 (MCQ-10 + LAQ & SAQ= 40)

Time for Section B & C= 2 & half hours

Passing criteria – Minimum 40 % in each paper & 50 % cumulative of both papers

Resolution No. 4.30 of Academic Council (AC-51/2025): Resolved to approve the changes in pattern of theory question paper in University examination for III MBBS Part II (UG) in the Medicine & Allied with effect from the batch admitted in Feb 22 appearing in exam in April 26. [ANNEXURE-52A & 52B].

Annexure-52B of AC-51/2025

Revised pattern of Theory papers

University exam

Total marks-200

Paper I

Total marks- 100

Section A – MCQ- Total marks-20 (20 questions of 1 mark each) **4 questions scenario based**

Time- 20 minutes

Section B- Total marks- 40

Q 1 Give reasons (5 out of 6) = 1 mark each=5marks

Q 2 LAQ= 20 marks

A Problem based question- 10 marks

B Structured long answer question- 10 marks **(one out of two questions)**

Q 3 SAQ (3 out of 4)= 15

Section C-

Total marks- 40

Q 1 LAQ= 20 marks

A Problem based question- 10 marks

B Structured long answer question- 10 marks **(one out of two questions)**

Q 2 SAQ (4 out of 5)= 20

Paper II

Total marks= 100

Section A –

MCQ- Total marks-20 (20 questions of 1 mark each) **4 questions scenario based**

(10 questions from allied subjects, ie Resp Med, Psychiatry , Dermatology)

Time- 20 minutes

Section B- Total marks- 40

Q 1 Give reasons (5 out of 6) = 1 mark each=5marks

Q 2 LAQ= 20 marks

A Problem based question- 10 marks

B Structured long answer question- 10 marks (**one out of two questions**)

Q 3 SAQ (2 out of 3)= 10

Q4 SAQ (1 out of 2 on AETCOM modules 4.1 & 4.2) - 5

Section C-

Total marks- 40 (allied subjects, ie Resp Med, Psychiatry , Dermatology)

Q 1 LAQ= 10 marks (Resp Medicine) (one out of two questions)

Q 2 SAQ (2 out of 3)= 10 (Resp Medicine)

Psychiatry

Q 3 SAQ (2 out of 3)= 10

Dermatology

Q 4 SAQ (2 out of 3)= 10

Total marks for allied subjects – 50 (MCQ-10 + LAQ & SAQ= 40)

Time for Section B & C= 2 & half hours

Passing criteria – Minimum 40 % in each paper & 50 % cumulative of both

Syllabus

Paper I

Section A

1. Heart Failure
2. Acute Myocardial Infection/ HD
3. Liver DIS
4. Fever and Febrile Syndrome
5. HIV
6. Hypertension
7. AKI/CKI
8. DM
9. Thyroid
10. Obesity
11. GI BLED
12. Diarrhea
13. Envenomation
14. Poison
15. Min/Fluids/ELE/Acid-Base
16. Nutrition, Vitamin
17. Miscellaneous Infections (Lepto/ Rabies/Tetanus)

Cardiovascular System, Gastrointestinal System, Hepatobiliary System & Pancreas, & Genetics
Endocrinology, infectious disease & Nephrology, Clinical Nutrition, Miscellaneous

Section B

1. Heart Failure
2. Acute Myocardial Infection/ HD
3. Liver DIS
4. Hypertension
5. GI BLEED
6. Diarrhea

Cardiovascular System, Gastrointestinal System, Hepatobiliary System & Pancreas,

Section C –

1. Fever and Febrile Syndrome
2. HIV
3. AKI/CKI
4. DM
5. Thyroid
6. Obesity
7. Envenomation
8. Poison
9. Min/Fluids/ELE/Acid- base
10. Nutrition Vitamin
11. Miscellaneous Infections (Lepto/ Rabies/Tetanus)

Genetics Endocrinology, infectious disease & Nephrology, Clinical Nutrition, Miscellaneous

Paper II

Section A

1. Resp. Med including Pneumonia
2. Rheumatology
3. Anemia
4. Malignancy
5. Headache
6. CVA
7. MOV T DISORD
8. Geriatrics
9. Psychiatry
10. Dermat./VD/Leprosy

Section B

1. Rheumatology
2. Malignancy
3. Headache
4. CVA
5. MOV T DISORD
6. Geriatrics

Section C

1. Resp. Med, including Pneumonia
2. Psychiatry
3. Dermat./VD/Leprosy

Pattern of Practical (Clinical + Oral viva)

Total marks- 200

Long case Max marks	Short case 1 Max Marks	Short case2 Max Marks	Total Case viva	Table viva1 Max marks	Table viva 2 Max marks	Grand total
80	40	40	160	20	20	200

Passing criteria-

Minimum 50 %, cumulative in case & oral viva

Resolution No. 6.20 of Academic Council (AC-52/2025): Resolved to include questions from Respiratory Medicine in General Medicine question paper of University examination [ANNEXURE-52].

Annexure-52 of AC-52/2025

Revised pattern of Theory papers approved in AC-52/2025

University Theory exam pattern

Total marks-200

Paper I

Total marks- 100

Section A – MCQ- Total marks-20

Time- 20 minutes

(20 questions of 1 mark each) **4 questions scenario based**

Section B- Total marks- 40

Q 1 Give reasons (5 out of 6) = 1 mark each=5marks

Q 2 LAQ= 20 marks

A Problem based question- 10 marks

B Structured long answer question- 10 marks (**one out of two questions**)

Q 3 SAQ (2 out of 3)= 15

Section C-

Total marks- 40

Q 1 LAQ= 20 marks

A Problem based question- 10 marks

B Structured long answer question- 10 marks (**one out of two questions**)

Q 2 SAQ (4 out of 5)= 20

Resolution No. 6.20 of Academic Council (AC-52/2025): Resolved to include questions from Respiratory Medicine in General Medicine question paper of University examination [ANNEXURE-52].

Annexure-52 of AC-52/2025

Paper II

Total marks= 100

Section A – MCQ- Total marks-20

Time- 20 minutes

(20 questions of 1 mark each) 4 questions scenario based (5 questions from allied subjects, , Psychiatry , Dermatology)

Section B- Total marks- 50

Q 1 Give reasons (5 out of 6) = 1 mark each=5marks

Q 2 LAQ= 20 marks

A Problem based question

B Structured LAQ (one out of two questions)

Q 2 SAQ (3 out of 4)= 15

Q 3 SAQ (2 out of 3 on AETCOM Module 4.1 A & B & 4.3) = 10

Section C- Total marks- 30 (allied subjects, ie, Psychiatry , Dermatology)

Q 1 SAQ (3 out of 4)= 15

Psychiatry

Q 2 SAQ (3 out of 4)= 15

Dermatology

Time for Section B & C= 2 & half hours

Passing criteria – Minimum 40 % in each paper & 50 % cumulative

Resolution No. 6.20 of Academic Council (AC-52/2025): Resolved to include questions from Respiratory Medicine in General Medicine question paper of University examination [ANNEXURE-52].

Annexure-52 of AC-52/2025

Syllabus

Paper I		
Section A	Section B	Section C
Heart Failure	Heart Failure	Fever and Febrile Syndrome
Acute Myocardial Infection/ HD	Acute Myocardial Infection/ HD	HIV
Liver DIS	Liver DIS	AKI/CKI
Fever and Febrile Syndrome	Hypertension	Obesity
HIV	GI BLEED	Envenomation
Hypertension	Diarrhea	Poison
AKI/CKI	DM	Min/Fluids/ELE/Acid- base
DM	Thyroid	Nutrition Vitamin
Thyroid	Cardiovascular System	Miscellaneous Infections (Lepto/ Rabies/Tetanus)
Obesity	Gastrointestinal System	Genetics Endocrinology
GI BLED	Hepatobiliary System & Pancreas	infectious disease
Diarrhea		Nephrology
Envenomation		Clinical Nutrition
Poison		Miscellaneous
Min/Fluids/ELE/Acid-Base		
Nutrition, Vitamin		
Miscellaneous Infections (Lepto/ Rabies/Tetanus)		
Cardiovascular System		
Gastrointestinal System		
Hepatobiliary System & Pancreas		
Genetics Endocrinology		
infectious disease		
Nephrology		
Clinical Nutrition		
Miscellaneous		

Resolution No. 6.20 of Academic Council (AC-52/2025): Resolved to include questions from Respiratory Medicine in General Medicine question paper of University examination [ANNEXURE-52].

Annexure-52 of AC-52/2025

Paper II		
Section A	Section B	Section C
Resp. Med including Pneumonia	Rheumatology	Psychiatry
Rheumatology	Malignancy	Dermatology./VD/Leprosy
Anemia	Headache	
Malignancy	CVA	
Headache	MOVT DISORD	
CVA	Geriatrics	
MOVT DISORD	Resp. Med including Pneumonia	
Geriatrics		
Psychiatry		
Dermat./VD/Leprosy		

Resolution No. 4.25 of Academic Council (AC-49/2024):

Resolved to keep “simple procedures & communication” as part of OSCE stations in University Practical examination for UG, as per NMC guidelines, to be applicable from batch admitted in academic year 2020-21 onwards [ANNEXURE-54].

Annexure-54 of AC-49/2024

Revised pattern of university practical exam

Pattern of Practical (Clinical + Oral viva)

Total marks- 200

Long case Max marks	Short case 1 Max Marks	Short case2 Max Marks	Total Case viva	OSCE Station 1 Procedural skills	OSCE Station 2 Communication skills	OSCE Station 3 Clinical skills	Table Viva 1	Table viva 2	Grand total
50	25	25	100	20	20	20	20	20	200

Resolution No. 4.29 of Academic Council (AC-51/2025): Resolved to approve the modification in pattern of university practical for III MBBS Part II to be applicable from batch appearing in university exam in April 26 [ANNEXURE-51A, 51B & 51C].

Annexure-51C of AC-51/2025

Revised pattern of practical Exam

LONG CASE MARKS	SHORT CASE 1	SHORT CASE 2	OSCE			TABLE VIVA 1	TABLE VIVA 2	TOTAL
			PROCEDURE SKILL	CLINICAL SKILL	COMMUNICATION SKILL			
60	30	30	15	15	10	20	20	200

SCHEME OF INTERNAL ASSESSMENT FOR CBME BATCH**SUBJECT – MEDICINE& ALLIED****Total marks- 400**

Theory-200

Practical-200

THEORY

PHASE	Phase II IV thsem II MBBS Two exams 50 marks each IA 1 & 2	Phase III VIthsem III MBBS Part I Allied Subjects IA-3	Phase III VIIthsem III MBBS Part I IA-4	Phase IV VIIIthsem III MBBS Part II IA-5	Phase IV IXthsem (Prelim) III MBBS Part II IA-6	TOTAL	CONVERT to 200
MARKS	100	50	50	100	200 (Two papers)	500	Marks Out of 200

PRACTICAL (EOP exams)

PHASE	Phase II IIIrdsem II MBBS	Phase III VIIth sem III MBBS Part I	Electives	Phase IV VIIIthsem III MBBS Part II	Phase IV IXth sem (Prelim) III MBBS Part II	Total	Allied Subjects	Total	Convert to 200
MARKS	50	50	50	50	200	400	125	525	Marks Out of 200

ALLIED SUBJECTS

PRACTICAL-

Dermatology-

III rd sem, (Phase II)- 15 marks

VI th(Phase III -III MBBS Part I)-25 marks

VIIIth sem(Phase IV- III MBBS Part II) – 25marks

Total = 65 marks

Respiratory Medicine-

IV th Sem (Phase II)– 20 marks

Psychiatry-

III rdsem(Phase II)- 15 marks

VII thsem (Phase III- III MBBS Part I) – 25

Total = 40 marks

Total (All allied subjects) =125 marks

Pattern of question paper for formative assessment

50 marks paper

Section A

MCQ- 10 of ½ mark each- 5 marks

Section B

LAQ- 2 of 10 marks each- 20 mark SAQ – 5 of 5 marks each- 25

Total- 50 marks

100 marks paper

Section A

MCQ- 20 of ½ mark each-10 marks

Total – 10 marks

Section B-

LAQ- 2 of 10 marks each- 20 mark

SAQ – 6 of 5 marks each- 30

Total- 50

Section C-

LAQ 1 of 10 mark-10 mark

SAQ 6 of 5 marks each- 30

Total -40

Grand total- 100 (Section A+B+C)

SUMMARY OF SCHEME OF INTERNAL ASSESSMENT FOR CBME BATCH

SUBJECT – MEDICINE & ALLIED

Total marks- 400

Theory-200

Practical-200

	IA- 1 Exam	IA-1 Exam		IA- 2 Exam	IA-2 Exam	
PHASEII	Theory (Gen Med)	Practical EOP	Total	Theory (Gen Med)	Practical EOP Allied	TOTAL
MARKS	50	50 45 (clinical skills) + 5 (Log book)	100	50	50 Dermatology-15 Psychiatry- 15 Resp Med- 20	100

	IA- 3 Exam	IA-3 Exam	Electives	Total	IA- 4 Exam	IA-4 Exam	
PHASEIII	Theory (Gen Med)	Practical EOP	50		Theory (Allied)	Practical EOP Allied	TOTAL
MARKS	50	50 45 (clinical skills) + 5 (Log book)	50	150	50	50 Dermatology-25 Psychiatry- 25	100
	IA- 5 Exam	IA-5			IA- 6	IA-6	

		Exam		Exam Prelim	Exam Prelim	
PHASEIV	Theory (Gen Med	Practical EOP + EOP Dermatology	Total	Theory Medicine & (Allied)	Practical	TOTAL
MARKS	50	50 45 (clinical skills) + 5 (Log book) + 25 = 75	125	200	200	400

Final internal assessment

THEORY

	IA-1 Phase II	IA-2 Phase II	IA-3 Phase III	IA- 4 Phase III	IA-5 Phase IV	IA-6 Phase IV (prelim)	Total	Convert Out of 200
MARKS	50	50	50	50	50	200	450	

PRACTICAL

	IA-1 Phase II EOP	IA-2 Phase II EOP (allied)	IA-3 Phase III EOP	IA- 4 Phase III EOP (Allied)	Electives	IA-5 Phase IV EOP (Med + Dermatology)	IA-6 Phase IV (prelim)	Total	Convert Out of 200
MARKS	50	50	50	50	50	75	200	525	

Annexure-31B of AC-46/2023

Resolution No. 5.26 of Academic Council (AC-46/2023): Resolved to approve proposed pattern of practical examinations in Medicine with effect from the batch admitted in 2019 onwards. One short case is of OSCE pattern [ANNEXURE-31A, 31B, 31C].

Division of marks of long case in subheadings

Long case Max marks	History taking	Clinical examination	Diagnoses	Investigation	Management plan	Attitude Ethics
80	15	20	10	10	15	10

Long case Max marks	Short case 1 Max Marks OSCE format	Shortcase 2 Max Marks	Total Case viva	Table viva 1 Max marks	Table viva 2 Max marks	Grand total
80	40	40	160	20	20	200

Time for preparation-

Long case- 45 minutes

Short case 2- 15 minutes

Time for viva-

Long case- 10 minutes

Short case 2-7 minutes

Short case 1- OSCE- 10 minutes

Attitude, Ethics and Communication

(AETCOM)

**Competencies for the
Indian Medical Graduate**

2018



**Medical Council of India
Pocket-14, Sector-8, Dwarka,
New Delhi 110 077**

Module 4.1: The foundations of communication - 5

Background

Communication is a fundamental prerequisite of the medical profession and beside skills is crucial in ensuring professional success for doctors. This module continues to provide an emphasis on effective communication skills. During professional year phase III part II (year four), the emphasis is on communicating, diagnosis, prognosis and therapy effectively.

Competencies addressed

The student should be able to:	Level
1. Demonstrate ability to communicate to patients in a patient, respectful, non-threatening, non-judgmental and empathetic manner	SH
2. Communicate diagnostic and therapeutic options to patient and family in a simulated environment	SH

Learning Experience

Year of study: Professional year 4

Hours: 5 (1 + 2 + 2)

- i. Introductory small group session - 1 hour
- ii. Focused small group session - 2 hours
- iii. Skills Lab session - 2 hour

Contents:

This module includes 3 inter-dependent learning sessions:

1. Introductory small group session on the principles of communication with focus on administering communication, of diagnosis, prognosis and therapy.
2. Focused small group session with role play or video where students have an opportunity to observe critique and discuss common mistakes in communicating diagnosis, prognosis and therapy.
3. Skills lab sessions where students can perform tasks on standardised or regular patients with opportunity for self critique, critique by patient and by facilitator.

Assessment

1. **Formative:** Participation in session 2 and performance in session 3 mentioned above may be used as part of formative assessment.
2. **Summative:** A skills station in which the student may communicate a diagnosis management plan and prognosis to a patient.

Resources

Same as Module 3.1

Module 4.6: Case studies in ethics and the doctor - industry relationship

Background

This module discusses some nuances in the professional relationships and conflicts there of (also see module 2.5).

Competency addressed

The student should be able to:	Level
Identify conflicts of interest in patient care and professional relationships and describe the correct response to these conflicts	SH

Learning Experience

Year of study: Professional year 4

Hours: 5

- i. Introduction of case – 1 hour
- ii. Self-directed learning – 2 hours
- iii. Anchoring lecture – 1 hour
- iv. Discussion and closure of case – 1 hour

Case: The Offer

You get a call from the secretary of the promoter of the largest and most successful corporate hospital in the city asking for an appointment for you with him. You are perplexed but make it to the appointment. You enter a large well appointed room. The owner of the hospital gets up from his chair, welcomes you and asks you to sit down.

“Welcome to our hospital, doctor.” After a few minutes of empty banter, he says – “My marketing executives tell me that you are the most successful practitioner in this area. As you know, we are a growing organisation; we are eager to partner with you. Doctor, I know that you use the services of another hospital here but we can make it worth your while to consider”. You look enquiringly. He continues. “In addition to your professional charges that you can determine, we can provide you with 20% of the hospital’s collections from your patient including radiology and laboratory charges. If you send us your

outpatients for consultations, laboratory or radiology we will give you back 30% of our collections. We hope that you will consider this, doctor and become part of our extended family.”

Points for discussion:

1. Fee splitting and other practices.
2. Can doctors become entrepreneurs?
3. Can doctors own pharmacies or hold stock in pharmaceutical companies?
4. What comprises professional conflict of interest?

Assessment

1. **Formative:** The student may be assessed based on their active participation in the sessions.
2. **Summative:** Short questions on:
 - 1) Fee splitting and its implications for patient care,
 - 2) Conflicts in professional relationships.

Module 4.8: Dealing with death

Background

Thanatology is a branch of science that deals with death. Death is an event that any medical student will inevitably face during the course of their professional career. Dealing with death empathetically and at the same time not being overwhelmed by it is an important coping skill for doctors.

Competencies addressed

The student should be able to:	Level
1. Identify conflicts of interest in patient care and professional relationships and describe the correct response to these conflicts.	SH
2. Demonstrate empathy to patient and family with a terminal illness in a simulated environment.	SH

Learning Experience

Year of study: Professional year 4

Hours: 5

- i. Introduction of case – 1 hour
- ii. Self-directed learning – 2 hours
- iii. Anchoring lecture – 1 hour
- iv. Discussion and closure of case – 1 hour

Case: The Empty Bed

You are a house surgeon in the night shift of the ICU. A 19 year old girl Sharmila is wheeled into the ICU. She has a complicated history. She had surgery for cyanotic congenital heart disease at age 8. She has a history of severe asthma often requiring admission for steroids. She lives in a home near a construction site and recently the attacks have flared up. She now has frequent admissions for asthma exacerbations. She is now constantly on steroids. In the last month, she has had 3 admissions. But she fights it bravely. She carries her books with her when she comes in and after the attack settles down she sits quietly reading. Despite the struggle you noticed that the staff nurses liked her. She was positive and charming. Today was no different but the attack seemed worse.

In the ER, the FEV1 was horrible. They had pumped her with steroids, put her on continuous nebulization, an aminophylline infusion was in place when you received her. The smile was smaller but there. The face was cushingoid with all the steroids and the body looked tired. She was moved to her usual bed number 9. Your shift was getting over at 7 a.m. but you stayed on an hour. She looked better, the smile was back you reassured her and said I'll be back in the evening and left.

That evening you report for duty and as you look through the patients, bed number 9 is empty. "Have you discharged Sharmila?" you asked the nurse. No doctor – she developed a sudden cardiac arrest at 12 noon – we could not revive her.

Points for discussion:

1. How should doctors deal with the emotions of patients and family facing death?
2. What does the patient experience when he/she is dying? Can physicians make the process of death comfortable?
3. What are the emotions faced by doctors when confronting death in patients? Is death a defeat for the doctor? Should the doctor be emotionally detached from a dying patient?
4. What are the cultural aspects of dying?

Alternate Case: I have decided to die

You are a physician in a community care practice for over 20 years and caring for various patients. Mr. Bhaskara Rao is a patient in your care for the past 14 years. He is 76 years old and has diabetes for the past 30 years. He had renal failure for the past 10 years and is CKD stage V requiring dialysis for 3 years. While he is following up with the nephrologist he values your position in his family as a family doctor and regularly visits you to check if his treatment is correct and more often to seek reassurance. He has invited you to all his family events – the last being one month ago for his grandson's wedding.

This morning you get a call from him. "Doctor! He says in his usual cheerful voice. Can I meet you tomorrow? I have fulfilled all my responsibilities in life. I am not sad. My children are all settled; my grandson is married; my wife as you know is no more. I have decided to stop my dialysis and say goodbye to this world. I thought I'll talk to you about how to prepare for my death!"

Learning Experience

Year of study: Professional year 4

Hours: 5

- i. Introduction of case – 1 hour
- ii. Self-directed learning – 2 hours
- iii. Anchoring lecture – 1 hour
- iv. Discussion and closure of case – 1 hour

Points for discussion:

1. Can patients choose to die? Is there a role for doctors in the death of patients? Can doctors assist death?
2. How should doctors deal with the emotions of patients and family facing death?
3. What does the patient experience when he/she is dying? Can physicians make the process of death comfortable?
4. What are the emotions faced by doctors when confronting death in patients? Is death a defeat for the doctor? Should the doctor be emotionally detached from a dying patient?
5. What are the cultural aspects of dying?

Assessment

1. **Formative:** Participation in sessions may be used as part of formative assessment. Submitted narrative on the socio cultural aspects of death may be used as assessment.
2. **Summative:** Short question on assisted dying.

Resolution No. 6.21 of Academic Council (AC-52/2025): Resolved that Skin & Psychiatry should provide question bank and model answer to Medicine Department. Faculty for Medicine department will assess the answer sheet [ANNEXURE-53].

Revised syllabus & assessment

SYLLABUS FOR MBBS CBME BATCH JOINING IN 24-25

SUB- MEDICINE & ALLIED

Key changes-

1 Teaching hours in phase II are 20 instead of 25, phase III 60 & phase IV- 335

2 Total topics- 29, Competencies- 525

3 Number of certifiable skills- 22 & 10-20 % marks to be included in Internal assessment marks

3 Respiratory Medicine is part of General Medicine & not allied & will be assessed as part of general Medicine assessment.

4 Allied subjects are Dermatology & Psychiatry

5 AETCOM module question for assessment is in both papers

6 Allied subjects are given clinical postings as-

Psychiatry – Phase III & IV

Dermatology- Phase IV

7 Both allied subjects theory teaching is in phase IV

Resolution No. 6.21 of Academic Council (AC-52/2025): Resolved that Skin & Psychiatry should provide question bank and model answer to Medicine Department. Faculty for Medicine department will assess the answer sheet [ANNEXURE-53].

MEDICINE

PHASE II

Total teaching hours- 20

TEACHING HOURS	LECTURE	TUTORIAL/SEMINAR/ INTEGRATED TEACHING	SDL
20	20	-	-

Details of competencies will be given later

PHASE III

TEACHING HOURS	LECTURE	TUTORIAL/SEMINAR/ INTEGRATED TEACHING	SDL
60	20	30	10

PHASE IV

TEACHING HOURS	LECTURE	TUTORIAL/SEMINAR/ INTEGRATED TEACHING	SDL
335	110	185	40

SYLLABUS FOR MBBS CBME BATCH

SUB- DERMATOLOGY

Phase IV

Number of total teaching hours: 40

- i) Lectures(L): 13 hours
 - ii) Tutorials(T): 17 hours
 - iii) SDL(S): 10
- Total- 40 hours

Resolution No. 6.21 of Academic Council (AC-52/2025): Resolved that Skin & Psychiatry should provide question bank and model answer to Medicine Department. Faculty for Medicine department will assess the answer sheet [ANNEXURE-53].

SYLLABUS FOR MBBS CBME BATCH

SUB- PSYCHIATRY

Phase IV

Number of total teaching hours: 40

- iv) Lectures(L): 13 hours
- v) Tutorials(T): 17 hours
- vi) SDL(S): 10
- Total- 40 hours

Theory General Medicine Number of topics 29 number of competencies 525 total hours 150

number	topic	competencies	phase	Hours
1	Heart failure	27	4	10
2	Acute Myocardial Infarction / IHD	24	4	8
3	Pneumonia	22	4	5
4	Fever and febrile syndromes	20	2	8
5	Liver disease	17	3	12
6	HIV	22	2	2
7	Rheumatologic problems	22	4	6
8	Hypertension	19	4	5
9	Anaemia	21	4	10
10	Acute Kidney Injury and Chronic renal failure	24	4	10
11	Diabetes Mellitus	24	4	4
12	Thyroid Dysfunction	14	4	4
13	Common Malignancies / Oncology	19	4	5
14	Obesity	14	4	2
15	GI Bleeding	18	3	4
16	Diarrheal Disorders	17	3	4
17	Headache	14	4	4
18	Cerebrovascular Accident	16	4	4
19	Movement Disorders	9	4	4
20	Seizure Disorders	5	4	2
21	Envenomation	9	4	2
22	Poisoning	13	4	3
23	Mineral, Fluid Electrolyte and Acid base Disorder	12	4	3
24	Nutritional and Vitamin Deficiencies	5	4	3
25	Geriatrics	22	4	8

Annexure-53 of AC-52/2025

Resolution No. 6.21 of Academic Council (AC-52/2025): Resolved that Skin & Psychiatry should provide question bank and model answer to Medicine Department. Faculty for Medicine department will assess the answer sheet [ANNEXURE-53].

26	Infectious Diseases	35	2	10
27	Tuberculosis	15	4	4
28	Obstructive Airway Diseases	26	4	4
29	The role of the physician in the community	26 sgt clinic role play	All	00 =150

Annexure 5

SCHEME OF INTERNAL ASSESSMENT FOR CBME BATCH JOINED IN 2024

SUBJECT – MEDICINE& ALLIED

Total marks- 400

Theory-200

Practical-200

THEORY

PHASE	Phase II	Phase III	Phase IV	Phase IV Prelim	TOTAL	CONVERT to 200
MARKS	50	50	100	200 (Two papers)	400	Marks Out of 200

Phase IV

Out of 100 marks exam-

Medicine- 75

Dermatology- 12

Psychiatry- 13

Annexure-53 of AC-52/2025

Resolution No. 6.21 of Academic Council (AC-52/2025): Resolved that Skin & Psychiatry should provide question bank and model answer to Medicine Department. Faculty for Medicine department will assess the answer sheet [ANNEXURE-53].

PRACTICAL

	IA-1 Phase II EOP	IA-3 Phase III EOP	IA- 4 Phase III EOP (Allied)	IA-5 Phase IV EOP (Med + Dermatology + Psychiatry)	IA-6 Phase IV (prelim)	Total	Convert Out of 200
			Psychiatry				
MARKS	50 45+5 for log book	50 45+5for log book	10	90 50 - Medicine+25 Dermatology + 15 Psychiatry	100	300	

PRACTICAL

ALLIED SUBJECTS

PRACTICAL-

Dermatology-

Phase IV(III MBBS Part II) – 25marks

Psychiatry-

Phase III (III MBBS Part I) – 10

Phase IV(III MBBS Part II) – 15marks

Total = 50 marks

Resolution No. 6.21 of Academic Council (AC-52/2025): Resolved that Skin & Psychiatry should provide question bank and model answer to Medicine Department. Faculty for Medicine department will assess the answer sheet [ANNEXURE-53].

Pattern of question paper

50 marks paper

Section A

MCQ- 10 of 1 mark each- 10 marks

5 MCQ will be scenario based

Section B

Q 1 LAQ- 1, structured long answer question of 12 marks

Q 2 SAQ – 4 of 3 marks each- 12 (with 2 questions of integrated topics)

Q 3 SAQ- 4 of 4 marks each- 16

Total- 50 marks

100 marks paper

Section A

MCQ- 20 of 1 mark each-20 marks

10 MCQ will be scenario based

1 question from Dermatology

Total – 20 marks

Section B-

Q 1 Give reasons- 5 out of 6 1 mark each= 5 marks

Q 2 LAQ- 2 of 10 marks each - 20 mark

Q 3 SAQ – 5 of 5 marks each- 25

Total- 50 marks

Resolution No. 6.21 of Academic Council (AC-52/2025): Resolved that Skin & Psychiatry should provide question bank and model answer to Medicine Department. Faculty for Medicine department will assess the answer sheet [ANNEXURE-53].

Section C-

Q 1 SAQ 2 of 3 mark- 6 mark (with 1 question on AETCOM)

Q 3 SAQ 3 out of 4 of 4 marks each- 12 Dermatology

Q 4 SAQ 3 out of 4 of 4 marks each- 12 Psychiatry

Total -30

Grand total- 100 (Section A20 +B 50 +C 30)

As per NMC document

Suggested format for a Theory paper – Universities and colleges may design their unique question paper blueprint as per the principles given in the format Duration-3 hours 100 marks

Type of question/ Number of questions Marks per question

Q No 1 Scenario based MCQ/ 10-20 1-2

Q No 2 Long essay question/ ONE 10-12

Q No 3 Reasoning Questions/ FIVE 3

Q No 4 Short notes (applied aspects)/ FOUR All four subparts related to six integrated topics if subject is part of integrated modules. However, if a subject has less competencies in integrated module than atleast 2 sub-parts from integrated modules. 4-5

Q No 5 Short notes / THREE 5-6

Q No 6 Short notes / FOUR (one subpart of 5 marks from AETCOM) 4-5

Resolution No. 6.21 of Academic Council (AC-52/2025): Resolved that Skin & Psychiatry should provide question bank and model answer to Medicine Department. Faculty for Medicine department will assess the answer sheet [ANNEXURE-53].

SCHEME OF SUMMATIVE ASSESSMENT FOR BATCH JOINED IN 2024

SUBJECT – MEDICINE& ALLIED

Theory

Total marks-200

Paper I

Total marks- 100

Section A – MCQ- Total marks-20 (20 questions of 1 mark each) 4 questions will be scenario based

Time- 20 minutes

Section B- Total marks- 40

Q 1 Give reasons (5 out of 6) = 1 mark each=5marks

Q 2 LAQ= 20 marks

A Problem based question- 10 marks

B Structured long answer question- 10 marks (**one out of two questions**)

Q 3 SAQ (3 out of 3)= 15

Section C- Total marks- 40

Q 1 LAQ – Problem based question 10 marks

Q 2 SAQ (3 out of 4)= 15 (With one question on integrated topics)

Q 3 SAQ (2 out of 3)= 10

Q 4 SAQ (1 out of 2)= 5 (AETCOM module 4.1)

Paper II

Total marks= 100

Resolution No. 6.21 of Academic Council (AC-52/2025): Resolved that Skin & Psychiatry should provide question bank and model answer to Medicine Department. Faculty for Medicine department will assess the answer sheet [ANNEXURE-53].

Section A – MCQ- Total marks-20 (20 questions of 1 mark each) (10 questions from Medicine & 5 each from Dermatology & Psychiatry) 4 scenario based questions

Time- 20 minutes

Section B- Total marks- 40

Q 1 Give reasons (5 out of 6) = 1 mark each=5marks

Q 2 LAQ= 20 marks

A Problem based question- 10 marks

B Structured long answer question- 10 marks (**one out of two questions**)

Q 3 SAQ (2out of 3)= 10

Q 4 SAQ (1 out of 2) = 5 (on AETCOM Module 4.3)

Section C-

Total marks- 40 (allied subjects, ,Psychiatry , Dermatology)

Section C-

Dermatology

Q 1 Write short notes- 1 out of 2 = 5

Q2 SAQ 3 of 4 = 15 mark

Psychiatry

Q 3 Write short notes- 1 out of 2 = 5

Q 4 SAQ 3 of 4 = 15 mark

Total of allied –

10 MCQ+ 20+20= 25 % of each

Passing criteria – Minimum 40 % in each paper & 50 % cumulative of both papers

Resolution No. 6.21 of Academic Council (AC-52/2025): Resolved that Skin & Psychiatry should provide question bank and model answer to Medicine Department. Faculty for Medicine department will assess the answer sheet [ANNEXURE-53].

Syllabus

Paper I

Section A

1. Heart Failure
2. Acute Myocardial Infection/ HD
3. Liver DIS
4. Fever and Febrile Syndrome
5. HIV
6. Hypertension
7. AKI/CKI
8. DM
9. Thyroid
10. Obesity
11. GI BLED
12. Diarrhea
13. Envenomation
14. Poison
15. Min/Fluids/ELE/Acid-Base
16. Nutrition, Vitamin
17. Miscellaneous Infections (Lepto/ Rabies/Tetanus)

Cardiovascular System, Gastrointestinal System, Hepatobiliary System & Pancreas, & Genetics
Endocrinology, infectious disease & Nephrology, Clinical Nutrition, Miscellaneous

Section B

1. Heart Failure
2. Acute Myocardial Infection/ HD
3. Liver DIS
4. Hypertension
5. GI BLEED
6. Diarrhea
7. Resp. Med, including Pneumonia
8. DM
9. Thyroid

Resolution No. 6.21 of Academic Council (AC-52/2025): Resolved that Skin & Psychiatry should provide question bank and model answer to Medicine Department. Faculty for Medicine department will assess the answer sheet [ANNEXURE-53].

Cardiovascular System, Gastrointestinal System, Hepatobiliary System & Pancreas, Respiratory system

Section C –

1. Fever and Febrile Syndrome
2. HIV
3. AKI/CKI
4. Obesity
5. Envenomation
6. Poison
7. Min/Fluids/ELE/Acid- base
8. Nutrition Vitamin
9. Miscellaneous Infections (Lepto/ Rabies/Tetanus)

Genetics Endocrinology, infectious disease & Nephrology, Clinical Nutrition, Miscellaneous

Paper II

Section A

1. Resp. Med including Pneumonia
2. Rheumatology
3. Anemia
4. Malignancy
5. Headache
6. CVA
7. MOV T DISORD
8. Geriatrics
9. Psychiatry
10. Dermat./VD/Leprosy

Section B

1. Rheumatology
2. Malignancy
3. Headache
4. CVA
5. MOV T DISORD

Annexure-53 of AC-52/2025

Resolution No. 6.21 of Academic Council (AC-52/2025): Resolved that Skin & Psychiatry should provide question bank and model answer to Medicine Department. Faculty for Medicine department will assess the answer sheet [ANNEXURE-53].

6. Geriatrics

Section C

1. Psychiatry
2. Dermat./VD/Leprosy

Passing criteria-

Minimum 50 % , cumulative in case & oral viva

Pattern of Practical (Clinical + Oral Viva) Applicable from batch 2024

Total marks- 200

Long case Max marks	Short case 1 Max Marks	Short case2 Max Marks	OSCE II Procedural skills	OSCE II Clinical skills	OSCE III Communication skills	Table Viva 1	Table Viva 2	Grand total
35	15	15	5	5	5	10	10	100

Resolution No. 6.23 of Academic Council (AC-52/2025): Resolved to have separate OSCE station for performing Vitals for Phase-II MBBS for Gen. Medicine for clinics [ANNEXURE- 55].

Annexure-55 of AC-52/2025

Existing Pattern of End of Posting (Clinical + Oral viva)

Total marks- 200

Long case Max marks	Short case 1 Max Marks	Short case2 Max Marks	OSCE I Clinical skills	OSCE II Procedural skills	OSCE III Communication skills	Table Viva 1	Table Viva 2	Grand total
50	25	25	20	20	20	20	20	200

Passing criteria-

Minimum 50 %, cumulative in case & oral viva

Existing Pattern of End of Posting (Clinical + Oral viva)

Total marks- 100

Long case Max marks	Short case 1 Max Marks	Short case2 Max Marks	OSCE I Procedural skills	OSCE II Clinical skills	OSCE III Communication skills	Table Viva 1	Table Viva 2	Grand total
35	15	15	5	5	5	10	10	100



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed to be University u/s 3 of UGC Act, 1956)

Grade 'A' Accredited by NAAC

Sector-01, Kamothe, Navi Mumbai - 410209

Tel 022-27432471, 022-27432994, Fax 022-27431094

E-mail- registrar@mgmuhs.com Website : www.mgmuhs.com

