



MGM INSTITUTE OF HEALTH SCIENCES

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

Grade 'A' Accredited by NAAC

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COMPETENCY BASED MEDICAL EDUCATION (CBME)

(for 2023-2024 batch)

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

Approved as per AC-51/2025, Dated 29/04/2025

Amended History

1. Approved as per AC-41/2021, Resolution No. 5.5, Dated 27/08/2021.
2. Approved as per AC-49/2024, [Resolution No. 4.32], Dated 25/04/2024.
3. Approved as per AC-51/2025, [Resolution No. 4.50], [Resolution No. 4.51], [Resolution No. 4.52], Dated: 29/04/2025.

CURRICULUM PHASE 3 MBBS**UG Curriculum for Large Group teaching. Dept. of Surgery (25 hours)**

Topic Code	Topic	No of Hrs	Integration	Method of Teaching
	Metabolic response to injury			
SU1.2	Describe the factors that affect the metabolic response to injury	1	biochemistry	LGT
	shock			
SU2.2	Describe the clinical features of shock and its appropriate management	2		LGT
	burns			
SU4.2	Describe clinical features, diagnose type and extend of burns and plan appropriate management	2		LGT
	Anaesthesia and pain management			
SU11.2	Enumerate the principles of general, regional, and local Anaesthesia.	2	Anaesthesia	LGT
SU11.4	Enumerate the indications and principles of day care General Surgery	1		LGT
	Nutrition and fluid therapy			
SU12.1	Enumerate the causes and consequences of malnutrition in the surgical patient	1	Physiology	LGT
SU 12.2	Describe and discuss the methods of estimation and replacement of fluid and electrolyte requirements in the surgical patient	1	Physiology	LGT
	Transplantation			
SU 13.1	Describe the immunological basis of organ transplantation.	1	Microbiology	LGT
	Minimally Invasive General Surgery			
SU 16.1	Minimally invasive General surgery: Describe indications, advantages and disadvantages of minimally invasive General surgery	1		LGT
	Trauma			
SU 17.4,	Describe the pathophysiology and mechanism of head injuries	1		LGT
SU 17.5,	Describe clinical features for neurological assessment and GCS in head injuries	1		LGT
SU17.6	Chose appropriate investigations and discuss the principles of management of head injuries	2		LGT
SU17.7	Describe the clinical features of soft tissue injuries. Choose appropriate investigations and discuss the principles of management.	2		LGT

SU17.8	Describe the pathophysiology of chest injuries.	1		LGT
SU 17.9	Describe the clinical features and principles of management of chest injuries.	1		LGT
	Skin and subcutaneous tissue			
SU 18.2	Classify skin tumors. Differentiate different skin tumors and discuss their management.	1		LGT
	Developmental anomalies of Face, Mouth Jaws			
SU 19.1, SU 19.2	Describe the etiology and classification of cleft lip and palate Describe the Principles of reconstruction of cleft lip and palate	2	Anatomy	LGT
	Oropharyngeal Cancer			
SU 20.1	Describe etiopathogenesis of oral cancer symptoms and signs of oropharyngeal cancer	1	ENT	LGT
SU20.2	Enumerate the appropriate investigations and discuss the Principles of treatment.	1		LGT

UG Curriculum for Small Group Teaching (35 hours)
Department of Surgery

Topic Code	Topic	No of Hrs	Integration	Method of Teaching
	Metabolic Response to Injury			
SU 1.3	Describe basic concepts of peri-operative care	1		SGD
	Shock			
SU2.3	Communicate and counsel patients and families about the treatment and prognosis of shock demonstrating empathy and care	1	AETCOM	DOAP
	Blood and blood components			
SU3.3	Counsel patients and family /friends for blood transfusion and blood donation.	1		DOAP
	Burns			
SU.4.4	Communicate and counsel patients and families on the outcome and rehabilitation demonstrating empathy and care.	2		SGD
	Wound Healing and Wound Care			
SU.5.2	Elicit, document and present a history in a patient presenting with wounds.	1		SGD
SU.5.3	Differentiate the various types of wounds, plan and observe management of wounds.	1		SGD
SU5.4	Discuss medico legal aspects of wounds	1		
	Surgical infections			
SU6.2	Enumerate Prophylactic and therapeutic antibiotics. Plan appropriate management.	1		

	Investigations of Surgical Patient			
SU 9.1	Choose appropriate biochemical, microbiological, pathological, imaging investigations and interpret the investigative data in a surgical patient	2	Biochemistry Microbiology Pathology	SGD
SU9.3	Communicate the results of surgical investigations and counsel the patient appropriately	1		DOAP
	Pre, Intra and post- operative management			
SU 10.1	Describe the principles of preoperative management of common surgical procedures.	2		SGD
	Anaesthesia and pain management			
SU 11.1	Describe principles of Preoperative assessment.	2	Anaesthesia	SGD
SU 11.5	Describe principles of providing post –operative pain relief and management of chronic pain	2	Anaesthesia	SGD
SU 11.6	Describe principles of safe General Surgery	1		SGD
	Transplantation			
SU 13.3	Discuss the legal and ethical issues concerning organ donation	1	AETCOM	SGD
SU13.4	Counsel patients and relatives on organ donation in a simulated environment	1	AETCOM	DOAP
	Basic Surgical Skills			
SU 14.2	Describe Surgical approaches, incisions and the use of appropriate instruments in General Surgery	2		SGD
SU14.3	Describe the materials and methods used for surgical wound closure and anastomosis (sutures, knots and needles)	2		
	Biohazard Disposal			
SU 15.1	Describe classification of hospital waste and appropriate methods of disposal	2	Microbiology	SGD
	Trauma			
SU 17.1	Describe the Principles of FIRST AID	2		SGD
SU 17.3	Describe the Principles in management of mass casualties	2		SGD
	Disorders of Salivary Glands			
SU. 21.2	Enumerate the appropriate investigations and describe the Principles of treatment of disorders of salivary glands.	2		SGD
	Topic:Endocrine General Surgery :Thyroid and parathyroid			
SU22.1	Describe the applied anatomy and physiology of thyroid	1		SGD
SU22.2	Describe the etiopathogenesis of thyroidal swellings	1		SGD
	SDL TOPICS(5 hours)			
	Ethics			
SU 8.2	Demonstrate Professionalism and empathy to the patient undergoing General Surgery	1	FMT AETCOM	SDL
	Skin and Subcutaneous Tissue			
SU 18.3	Describe and demonstrate the clinical examination of surgical patient including swelling and order relevant investigation for diagnosis. Describe and discuss appropriate treatment plan.	1 1		SDL

	Disorders of Salivary Glands			
SU.21.1	Describe surgical anatomy of the salivary glands, pathology clinical presentation of disorders of salivary glands	1 1		SDL

Internal Examination & Assessment Format as per CBME & GME 2019

Internal Examination Format – General Surgery			
Sr. No	Particular	Theory	Practical
Phase II (3rd & 4th Sem.)			
1	Phase II - Term Ending examination (Paper I)	50	NA
2	Post ending Examination – Surgery	10	50
3	Post ending Examination – Orthopaedics	10	50
4	Post ending Examination – Radiology	10	50
Phase III (Part – I) (Vth Sem)			
1	Phase III - Term Ending examination (Paper I)	50	NA
2	Post ending Examination – Surgery	10	50
3	Post ending Examination – Anaesthesia	10	50
4	Post ending Examination – Orthopaedics	10	50
Phase III (Part-II) (VII Sem)			
11	Phase III - Term examination (Paper I)	100	NA
12	Phase III - Prelim examination (Paper I & II) (25% Marks for Allied)	200	200
13	Post ending Examination – Surgery	10	50
14	Post ending Examination – Orthopaedics	10	50
Total Internal Examination Marks		480	600
Internal Assessment Calculation			
Sr. No	Particular	Theory	Practical
1	All internal examinations including preliminary examination (Theory And Practical)	170	170
2	Logbook Assessment (SDL, AETCOM and Logbook, competencies Etc.)	30 (15+5+5+5)	30 (15+5+5+5)
Total Internal Assessment Marks		200	200
480 Theory Internal Examination marks reduced to 170 marks		600 Practical Internal Examination marks reduced to 170 marks	

Resolution No. 4.32 of Academic Council (AC-49/2024):

Resolved to approve the new pattern of internal assessment for General Surgery (UG) as recommended by NMC. It is further resolved to enlist the help of MEU in training the staff via Zoom in formulating assessments for department specific requirements [ANNEXURE-59A & 59B].

Annex-59A of AC-49/2024

DEPARTMENT OF Medicine, Surgery, OBGY												
Final MBBS Year-3, Part II												
S.No.	Roll No.	Name of Student	Formative Assessment- Theory			Continuous Internal assessment- Theory					Total	
			1st PCT Theory	2nd PCT Theory	Prelims Theory (Paper I & II)	Home Assignment	Continuous Class Test (LMS)	Seminar	Museum study	Library assignments		Attendance Theory
			100	100	200	15	30	15	15	15	10	500

Professor & Head
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Name of Institute _____

Annex-59B of AC-49/2024

DEPARTMENT OF Medicine, Surgery, OBGY												
Faculty - Final MBBS			Year/Phase- Part - II			Date : dd/mm/yyyy						
S.No.	Roll No.	Name of Student	Formative Assessment			Continuous Internal Assessment (Practical)					Total	
			1st PCT Practical/First Ward Leaving Examination	2nd PCT Practical Second Ward Leaving Examination	Problem Practical	Log book (200)				Journal (Record book/Portfolio)		Attendance (Practical)
						Certifiable skill based competencies (Through CBME, OSCE, Spoken/ written/Oral)	MCQ/COM competencies	SVL Lab activity	Research			
			100	100	200	100	40	40	20	40	10	650

Professor & Head
Department of _____
Name of Institute _____

DEPARTMENT OF Medicine, Surgery, OBGY

Final MBBS Year-3, Part II

S.No.	Roll No.	Name of Student	Formative Assessment Theory			Continuous Internal assessment Theory						Total
			1st PCT Theory	2nd PCT Theory	Prelims Theory (Paper I & II)	Home Assignment 1	Continuous Class Test (LMS)	Self Directed Learning			Attendance Theory	
								Seminar	Museum study	Library assignments		
			100	100	200	15	30	15	15	15	10	500

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[Signature]
 Dr. Bhaskar V. Musande
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 Reg. No. 58870

DEPARTMENT OF Medicine, Surgery, OBGY												
Faculty : Final MBBS			Year/Phase- Part - II			Date : dd/mm/yyyy						
S.No.	Roll No.	Name of Student	Formative Assessment			Continuous Internal Assessment (Practical)						
			1st PCT Practical/First Ward Leaving Examination	2nd PCT Practical /Second Ward Leaving Examination	Prelims Practical	Log book (200)				Journal (Record book/Part also)	Attendance (Practical)	Total
						Certifiable skill based competencies (Through OSPE/OSCE/Sports/Scenarios/Other)	AETCOM competencies	SVL Lab activity	Research			
			100	100	200	100	40	40	20	40	10	650

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Continuous Internal Assessment (CIA) for Admission Batch 2023-24

Theory (100 M)					
Home Assignments (15 M)	Continuous Class Test LMS (30 M)	Seminar (15 M)	Museum Study (15 M)	Library Assignment (15 M)	Attendance (10 M)
Short Notes During Vacation	03 MCQ Test (10 Marks each) at the End of 03 Surgical Clinical Posting	During Posting 01 Topic to Distribute among 05 Students. 01 or 02 Faculty will assess the Seminar activity	Surgical Specimens, Instruments & X-rays	Clinical Key Topics can be chosen from Clinical Key and Submit to the Faculty	<75% = 00 M 75 % = 5 M For every 1 % 0.2 M to be given

Practical (250 M)					
Certifiable Competencies (100 M)	AETCOM Competencies (40 M)	SVL Lab Activity (40 M)	Research (20 M)	Journal (40 M)	Attendance (10 M)
Log BOOK TO be discussed	Log BOOK	Skill Lab Activity and its assessment	Module for research is to prepared and expert faculty from college will take series of 10 lectures and there will be an MCQ exam of 20 Marks	Actual Journal of Students 1. AETCOM:10 M 2. Surgery:20M 3. Museum & Library Assignment: 10M	<80 % = 00 M 80 % = 6 M For every 1 % 0.2 M to be given

University Question Paper Format for General Surgery

Paper: I**Marks: 100****Time: 03 Hours (30 Min for MCQ)****Section A**

Multiple Choice Questions	(01 MCQ = 1 Mark)	20 Marks
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Section B

Short Answer Questions	(05 out of 06)	25 Marks
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Note: 01 Short Note Question from AETCOM

Long Answer Questions	(01 Out of 02)	15 Marks
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Section C

Short Answer Questions	(05 out of 06)	25 Marks
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Long Answer Questions	(01 Out of 02)	15 Marks
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Paper: II**Marks: 100****Time: 03 Hours (30 Min for MCQ)****Section A**

Multiple Choice Questions	(01 MCQ = 1 Mark)	20 Marks
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Note: 10 marks MCQ will be from Allied Subjects**Section B**

Short Answer Questions	(05 out of 06)	25 Marks
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Note: 01 Short Note Question from AETCOM

Long Answer Questions	(01 Out of 02)	15 Marks
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Section C**Note: All questions in Section C will be from Allied Subjects**

Short Answer Questions	(05 out of 06)	25 Marks
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(All Allied subjects including orthopedics)

Long Answer Questions	(01 Out of 02)	15 Marks
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(Orthopedics)

Phase II & Phase part I Term Ending Examination Question Paper Format for General

Surgery

Marks: 50

Time: 03 Hours (20 Min for MCQ)

Section A

Multiple Choice Questions (01 MCQ = 1 Mark) 10 Marks

Section B

Short Answer Questions (05 out of 06) 25 Marks

Note: 01 Short Note Question from AETCOM

Long Answer Questions (01 Out of 02) 15 Marks

Phase III part II Term Ending Examination Question Paper Format for General Surgery

Paper: I

Marks: 100

Time: 03 Hours (30 Min for MCQ)

Section A

Multiple Choice Questions (01 MCQ = 1 Mark) 20 Marks

Note: 5 marks MCQ will be from Allied Subjects

Section B

Short Answer Questions (05 out of 06) 25 Marks

Note: 01 Short Note Question from AETCOM

Long Answer Questions (02 Out of 03) 30 Marks

Section C

Note: All questions in Section C will be from Allied Subjects

Short Answer Questions (05 out of 06) 25 Marks

(All Allied subjects including orthopedics)



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University Question Paper Format & Prelim for General Surgery

Admission Batch – 2023-2024

Paper: I

Marks: 100

Time: 03 Hours (30 Min for MCQ)

Section A

Multiple Choice Questions

20 Marks

(10 Marks for Surgery & 10 Marks for Ortho)

Section B

Short Answer Questions

(04 out of 05)

20 Marks

Note: 01 Short Note Question from AETCOM

Long Answer Questions

(01 Out of 02)

10 Marks

Section C

Short Answer Questions

(04 out of 05)

20 Marks

Long Answer Questions

(01 Out of 02)

10 Marks

Short Answer Questions

(04 out of 05)

20 Marks

[Signature]
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University Question Paper Format & Prelim for General Surgery

Admission Batch – 2023-2024

Paper: II

Marks: 100

Time: 03 Hours (30 Min for MCQ)

Section A

Multiple Choice Questions

20 Marks

(10 Marks for Surgery & 10 Marks for Ortho)

Section B

Short Answer Questions (04 out of 05)

20 Marks

Note: 01 Short Note Question from AETCOM

Long Answer Questions (01 Out of 02)

10 Marks

Section C

Note : All question in Section C will be from Allied Subjects

Short Answer Questions (Radio-diagnosis) (02 out of 03)

10 Marks

Short Answer Questions (Anaesthesia) (02 out of 03)

10 Marks

Short Answer Questions (Ortho) (04 out of 05)

20 Marks

Long Answer Questions (Ortho) (01 Out of 02)

10 Marks


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Phase III part I & II Term Ending Examination Question Paper Format for General Surgery - For Admission Batch 2023-2024

Marks: 100

Time: 03 Hours (30 Min for MCQ)

Section A

Multiple Choice Questions

20 Marks

(10 Marks for Surgery & 10 Marks for Ortho)

Section B

Short Answer Questions (04 out of 05)

20 Marks

Note: 01 Short Note Question from AETCOM

Long Answer Questions (01 Out of 02)

10 Marks

Section C

Note : All question in Section C will be from Allied Subjects

Short Answer Questions (Radio-diagnosis) (01 out of 02)

05 Marks

Short Answer Questions (Anaesthesia) (01 out of 02)

05 Marks

Short Answer Questions (General Surgery) (02 out of 03)

10 Marks

Short Answer Questions (Ortho) (04 out of 05)

20 Marks

Long Answer Questions (Ortho) (01 Out of 02)

10 Marks


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***Resolution No. 4.51 of Academic Council (AC-51/2025): Resolved to approve the Theory question paper format of Term ending examination (PCT), Prelim examination and University examination [ANNEXURE-73].**



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Annexure "E"

Annexure-74 of AC-51/2025

PRELIM AND UNIVERSITY

PATTERN of PRACTICAL (CLINICAL EXAMINATION + VIVA) Total marks = 200

For Admission Batch 2023-24 (GMER-2023)

Long Case (Max. marks)	Short Case I (Max. marks)	Short Case II (Max. marks)	Total Case VIVA(L+S)	Table Viva I (Max. marks) 01 OSCE station for AETCOM	Table Viva II (Max. marks)	GRAND TOTAL
80	40	40 (ortho)	160	30 (10+10+10)	10 (ortho)	200

POST ENDING EXAMINATION (WARD LEAVING EXAM)

(Practical exam. + Viva)

For Admission Batch 2023-24 (GMER-2023)

Clinical Posting Marks Distribution – II MBBS					
Long Case (Max. marks)	Short Case I (Max. marks)	Table Viva I (X-ray)	Table Viva I (Instruments)	Table Viva II (Specimen)	GRAND TOTAL
50	20	10	10	10	100

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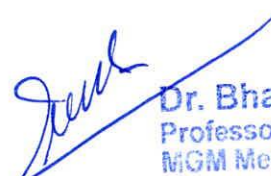
Clinical Posting Marks Distribution – III MBBS Part 01

Long Case (Max. marks)	Short Case I (Max. marks)	Table Viva I (X-ray)	Table Viva I (Instruments)	Table Viva II (Specimen)	GRAND TOTAL
50	20	10	10	10	100

Clinical Posting Marks Distribution – III MBBS Part 02

Long Case (Max. marks)	Short Case I (Max. marks)	Table Viva I (X-ray)	Table Viva I (Instruments)	Table Viva II (Specimen)	GRAND TOTAL
50	20	10	10	10	100

***Resolution No. 4.52 of Academic Council (AC-51/2025): Resolved to approve the Practical question paper format of Clinical post ending examination (WARD leaving examination), Prelim practical examination and University practical examination [ANNEXURE-74].**


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