

**PT. B. D. SHARMA UNIVERSITY OF HEALTH SCIENCES, ROHTAK**

No. UHSR/Exams/AE-II/2023/ 19651-60

Dated: 15.09.2023

To

1. The Director/The Dean, Pt. B. D. Sharma PGIMS, Rohtak.
2. The Director/The Dean, BPS Govt. Medical College for Women, Khanpur Kalan.
3. The Director/The Dean, Kalpana Chawla Govt. Medical College, Karnal.
4. The Director/The Dean, SHKM Govt. Medical College, Nalhar, Nuh, (Mewat).
5. The Director/The Dean, Adesh Medical College & Hospital, Sahabad, Kurukshetra.
6. The Director/The Dean, Maharaja Agrasen Medical College, Agroha, Hisar.
7. The Director/The Dean, ESIC Medical College, NIT-3, Faridabad.
8. The Director/The Dean, World College of Medical Sciences & Research, Jhajjar.
9. The Director/The Dean, N.C. Medical College, Israna, Panipat.

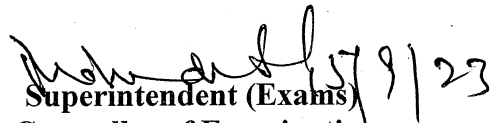
**Sub: - Regarding Theory Question Paper Pattern for the MBBS University Examinations and revised syllabus of MBBS 3<sup>rd</sup> Prof. Part-II for upcoming examinations.**

It is intimated that the pattern/format of the question paper for upcoming MBBS University Examinations is already approved by Curriculum and Monitoring Committee, Pt. B. D. Sharma University of Health Sciences, Rohtak in the meeting held on 11.08.2023 (Annexure-I).

It is further intimated that the theory examinations of MBBS 3<sup>rd</sup> Prof. Part-II are likely to be commenced in the month of January-2024. Revised syllabus with bifurcation in Part-I & II of Paper-A & B is hereby attached for upcoming MBBS 3<sup>rd</sup> Prof. Part-II Examinations.

You are requested to kindly circulate the format amongst all the students by various methods i.e. by displaying it on all the notice boards in the colleges/deptts. or other methods immediately to avoid any complaint from the students in this regard at later stage and also ensure that the given syllabus is fully covered in Part-I & II of Paper-A & B as per NMC Guidelines 2019

**DA: As above.**

  
Superintendent (Exams)  
For: Controller of Examinations,  
Pt. B. D. Sharma UHS, Rohtak

**Subjects with 02 question papers: 100 marks each.**

**Annexure-I**

		<b>Paper-A</b>	<b>Paper-B</b>
<b>Sr. No.</b>	<b>Question Type</b>	<b>Part-I (50 Marks)</b>	<b>Part-I (50 Marks)</b>
1.	Long Answer Question-Clinical/practical problems based structured	Subparts (e.g.) a,b,c,d 2+3+3+2=10 Marks	Subparts (e.g.) a,b,c,d 2+3+3+2=10 Marks
2.	Short Notes-Clinical features/ uses /adverse effects/ applied aspect/management/ Pharmacotherapy etc.	5x5 Marks each = 25	5x5 Marks each = 25 <b>(Including one question on AETCOM)</b>
3.	Short answers/Reasoning questions	5x2 marks each= 10	5x2 marks each= 10
4.	Objective type – MCQ scenario based, single response with 04 options in answer	5x1 mark=05	5x1 mark=05
		<b>Part-II (50 Marks)</b>	<b>Part-II (50 Marks)</b>
5.	Long Essay question-Clinical/practical problems based structured	Subparts (e.g.) a,b,c,d 2+3+3+2=10 Marks	Subparts (e.g.) a,b,c,d 2+3+3+2=10 Marks
6.	Short Notes-Clinical features/ uses /adverse effects/ applied aspect/management/ Pharmacotherapy etc.	5x5 Marks each = 25	5x5 Marks each = 25
7.	Short answers / Reasoning questions / Differentiate between	5x2 marks each= 10	5x2 marks each= 10
8.	Objective type – MCQ scenario based, single response with 04 options in answer	5x1 mark=05	5x1 mark=05

**Note: One question on AETCOM in each paper of Clinical Subjects.**

**Subjects (Forensic Medicine/ENT/Eye/Paediatrics) with 01 question papers: 100 marks.**

<b>Sr. No.</b>	<b>Question Type</b>	<b>Part-I (50 Marks)</b>
1.	Long Answer Question-Clinical/practical problems based structured	Subparts (e.g.) a,b,c,d 2+3+3+2=10 Marks
2.	Short Notes-Clinical features/ uses /adverse effects/ applied aspect/management/ Pharmacotherapy etc.	5x5 Marks each = 25
3.	Short answers/Reasoning questions	5x2 marks each= 10
4.	Objective type – MCQ scenario based, single response with 04 options in answer	5x1 mark=05
		<b>Part-II (50 Marks)</b>
5.	Long Essay question- Clinical/practical problems based structured	Subparts (e.g.) a, b, c, d 2+3+3+2=10 Marks
6.	Short Notes-Clinical features/ uses /adverse effects/ applied aspect/management/ Pharmacotherapy etc.	5x5 Marks each = 25 <b>(Including one question on AETCOM)</b>
7.	Short answers / Reasoning questions / Differentiate between	5x2 marks each= 10
8.	Objective type – MCQ scenario based, single response with 04 options in answer	5x1 mark=05

# Pediatrics

## 1. Topic wise division of the theory papers:

In accordance to NMC/MCI Competency based Undergraduate Curriculum for Indian Medical Graduate (IMG) - Volume II. The topic wise division is as follows:

<b>Theory Paper</b>	
<b>Part I (50 marks)</b>	
<ol style="list-style-type: none"><li>1. Normal Growth and Development</li><li>2. Common problems related to Growth</li><li>3. Common problems related to Development -1 (Developmental delay , Cerebral palsy)</li><li>4. Common problems related to Development-2 (Scholastic backwardness, Learning Disabilities , Autism , ADHD)</li><li>5. Common problems related to behavior</li><li>6. Adolescent Health &amp; common problems related to Adolescent Health Number of competencies: (13)</li><li>7. To promote and support optimal Breast feeding for Infants</li><li>8. Complementary Feeding</li><li>9. Normal nutrition, assessment and monitoring</li><li>10. Provide nutritional support , assessment and monitoring for common nutritional problems</li><li>11. Obesity in children</li><li>12. Micronutrients in Health and disease-1 (Vitamins ADEK, B Complex and C)</li><li>13. Micronutrients in Health and disease -2: Iron, Iodine, Calcium, Magnesium</li><li>14. Toxic elements and free radicals and oxygen toxicity</li><li>15. Fluid and electrolyte balance</li><li>16. Integrated Management of Neonatal and Childhood Illnesses (IMNCI) Guideline</li><li>17. The National Health programs, NHM</li><li>18. The National Health Programs: RCH</li><li>19. National Programs, RCH - Universal Immunizations program</li><li>20. Care of the Normal New born, and High risk New born</li><li>21. Chromosomal Abnormalities</li><li>22. Vaccine preventable Diseases – Tuberculosis</li></ol>	
<b>Part II (50 marks)</b>	
<ol style="list-style-type: none"><li>23. Genito-Urinary system</li><li>24. Approach to and recognition of a child with possible Rheumatologic problem</li><li>25. Cardiovascular system- Heart Diseases</li><li>26. Diarrhoeal diseases and Dehydration</li><li>27. Malabsorption</li><li>28. Acute and chronic liver disorders</li><li>29. Pediatric Emergencies – Common Pediatric Emergencies</li><li>30. Respiratory system</li><li>31. Anemia and other Hemato-oncologic disorders in children</li><li>32. Systemic Pediatrics-Central Nervous system</li><li>33. Allergic Rhinitis , Atopic Dermatitis, Bronchial Asthma , Urticaria Angioedema</li><li>34. Endocrinology</li><li>35. The role of the physician in the community</li><li>36. AETCOM: Pediatric topics</li></ol>	

# Medicine

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## PT. B. D. SHARMA UNIVERSITY OF HEALTH SCIENCES, ROHTAK

Blue printing for Medicine university examination in MBBS Phase 3 (Part II)

- Topic wise division for theory paper(s)
- Theory paper format and marks distribution
- Internal assessment and formative assessment
- Practical examination

### 1. Topic wise division of the theory papers:

In accordance to NMC/MCI Competency based Undergraduate Curriculum for Indian Medical Graduate (IMG) - Volume II. The topic wise division is as follows:

Part I (50 marks)	Part I (50 marks)
-Cardiovascular system (Heart failure, myocardial infection, hypertension) -Endocrinology (Diabetes, Thyroid disorders) Respiratory system (Pneumonia) Geriatrics The role of physician in the community	CNS (Headache, CVA, Movement disorder) Nutrition including Obesity Infections including miscellaneous Fever and febrile syndrome Poisoning/ Envenomation Rheumatology
Part II (50 marks)	Part II (50 marks)
CIT/ Liver/Diarrhea Nephrology (AKI/CKD) Mineral fluid and electrolyte imbalance Hematology Malignancies AETCOM 4.1	<u>Psychiatry</u> <u>Dermatology (DVL)</u> <u>Resp. Medicine including Tuberculosis</u>  AETCOM 4.3

**3. Eligibility for appearing in University Examinations:**

- Attendance - 75% in theory and 80% in practical in each subject.
- **Internal Assessment (IA): 200 marks for theory and 200 marks for practical (including allied subjects.)**
  - Student must have taken at least 03 Internal Assessment examinations in each subject.
  - Internal Assessment - 50% in theory & practical (combined):
    - a. Minimum 40% marks in Theory internal assessment
    - b. Minimum 40% marks in Practical internal assessment
  - Learners must have completed the required certifiable competencies for that phase of training and completed the log book appropriate for that phase of training
  - Theory IA - Written tests (essay questions, short notes and creative writing experiences)
  - Practical IA - Practical tests, OSCE/ OSPE. Directly Observed Procedural Skills (DOPS), records maintenance and attitudinal assessment.

Medicine & allied subjects	Theory assessment	Practical assessment
Medicine	130	130
Psychiatry	30	20
Dermatology	30	30
Respiratory Medicine	10	20
<b>Total</b>	<b>200</b>	<b>200</b>

3a. Further to calculate the IA for theory is as follows:

- Internal Assessment tests- 80 marks
- Send up examination – 50 marks

3b. Further to calculate the IA for practical is as follows:

- Log book- 20 marks
- Sent up examination-50 marks
- Ward leave-60 marks

*IA marks are NOT to be added to marks of the University examinations. IA marks will reflect as separate head of passing at the summative examination*

**4. Practical examination: 200 marks**

- The practical exercise would be application oriented. OSPE/OSCE, Directly observed Procedural skills (DOPS) etc. can be suitably modified.
- Viva/oral examination should assess approach to patient management, attitudinal, ethical and professional values. Candidate's skill in interpretation of common investigative data, X-rays, identification of specimens, ECG, etc. is to be also assessed. (No Grand viva.)
- The distribution of marks is as follows:

Sr. No.	Topics/Station	Marks
1	Long case	80
2	Short case	40
3	OSCE	40 (5x8)
4	Clinical viva.	40

**THEORY PAPER AND DISTRIBUTION OF MARKS**

<b>Paper A Part I</b>				
<b>Topics</b>	<b>Weight (w)</b>	<b>Weightage (W)</b>	<b>Marks Distribution</b>	<b>Question type Distribution</b>
Heart Failure	06	0.15	7.5	LAQ/SAQ/MCQ
IHD	06	0.15	7.5	LAQ/SAQ/MCQ
Hypertension	06	0.15	7.5	LAQ/SAQ/MCQ
Pneumonia	04	0.1	5	SAQ/MCQ
Diabetes & its complication	04	0.1	5	LAQ/MCQ
	04	0.1	5	
Thyroid Disorder	04	0.1	5	SAQ/MCQ
Geriatrics	03	0.08	4	SAQ/MCQ
Roll of physician in the community	03	0.07	3.5	SAQ
<b>Paper A Part II</b>				
<b>Topics</b>				
Liver Diseases	06	0.15	7.5	LAQ/SAQ/MCQ
Diarrhoea	04	0.1	5	SAQ/MCQ
GIT	06	0.15	7.5	LAQ/SAQ/MCQ
Nephrology	06	0.15	7.5	LAQ/SAQ/MCQ
Fluid & Electrolyte	04	0.1	5	SAQ/MCQ
Hematology	06	0.15	7.5	LAQ/SAQ/MCQ
Malignancies	04	0.1	5	SAQ/MCQ
AETCOM 4.1	04	0.1	5	SAQ/MCQ

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Paper B Part I				
Topics				
CVA	6	0.15	7.5	LAQ/SAQ/MCQ
Movement disorders	4	0.1	5	SAQ/MCQ
Headache	4	0.1	5	SAQ/MCQ
Fever and febrile Syndrome	6	0.15	7.5	LAQ/SAQ/MCQ
Infections including Miscellaneous	4	0.1	5	SAQ/MCQ
Rheumatology	6	0.15	7.5	LAQ/SAQ/MCQ
Nutrition including Obesity	4	0.1	5	SAQ/MCQ
Poisoning including Envenomation	6	0.15	7.5	LAQ/SAQ/MCQ
Paper B Part II				
Topics				
AETCOM 4.3	04	0.1	5	SAQ/MCQ
Allied Psychiatry Dermatology (DVL) Resp. Medicine including Tuberculosis	To be filled by concerned department			

# General Surgery

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Detailed description of surgery theory paper and marks distribution

Paper B				
Part : I	Weight	Weightage	Marks distribution	Question type distribution
Topics	(I x F)(w)	(I x F)/T(W)		
Trauma	9	.14	7	LAQ/SAQ/MCQ
Causes, clinical features, complications and principles of management of peritonitis	6	.09	5	LAQ/SAQ/MCQ
Basic surgical skills	3	.04	3	SAQ/MCQ
Diseases of biliary system	9	.13	7	SAQ/MCQ
Pathophysiology, clinical features, Investigations and principles of management of Hernias	4	.06	3	SAQ/MCQ
Clinical features, investigations and principles of management of benign and malignant disorders of esophagus	4	.06	3	SAQ/MCQ
Aetiology, the clinical features, investigations and principles of management of congenital hypertrophic pyloric stenosis, Peptic ulcer disease, Carcinoma stomach	4	.06	3	SAQ/MCQ
Clinical features, Investigations and principles of management of liver abscess, hydatid disease, injuries and tumors of the liver	4	.06	3	SAQ/MCQ
Clinical features, investigations and principles of management of splenic injuries. Describe the post-splenectomy sepsis - prophylaxis	4	.06	3	SAQ/MCQ
Clinical features, investigations and principles of management of disorders of small and large intestine including neonatal obstruction and Short gut syndrome	4	.06	3	SAQ/MCQ
Clinical features, investigations and principles of management of diseases of Appendix including appendicitis and its complications.	4	.06	3	SAQ/MCQ
Clinical features, investigations and principles of management of common anorectal diseases	4	.06	3	SAQ/MCQ
Pancreatic & Adrenal diseases	1	.01	1	SAQ/MCQ



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Surgical audit& Ethics	1	.01	1	SAQ/MCQ
Pathophysiology, clinical features, investigations and principles of management of Intra-abdominal abscess, mesenteric cyst, and retroperitoneal tumors	1	.01	1	SAQ/MCQ
AETCOM	1	.01	1	SAQ/MCQ
Total	63 (T)	1	50	

Detailed description of surgery theory paper and marks distribution

Paper B				
Part :II topics	Weight (I x F) (w)	Weightage (I x F)/T (W)	Marks distribution	Question distribution type
Diseases of kidney& ureter	9	.21	10	LAQ/SAQ/MCQ
Pre ,intra and post-operative management	9	.21	10	LAQ/SAQ/MCQ
Clinical features, investigations and principles of management of diseases of urinary bladder & bladder cancer	4	.09	5	SAQ/MCQ
Diseases of penis ,scrotum, testis	4	.09	5	SAQ/MCQ
Prostate& urethra	6	.14	7	LAQ/SAQ/MCQ
Vascular diseases	4	.09	5	SAQ/MCQ
Cardio thoracic general surgery	2	.05	4	SAQ/MCQ
Nutrition and fluid therapy	2	.05	3	SAQ/MCQ
Transplantation	1	.02	1	MCQ
Biohazard disposal	1	.02	1	MCQ
total	42 T	1	50	

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Detailed description of surgery theory paper and marks distribution

Paper A				
Part : i Topics	Weight (I x F)(w)	Weightage (I x F)/T(W)	Marks distribution	Question distribution type
Shock	9	.23	12	LAQ/SAQ/MCQ
Breast	9	.23	12	LAQ/SAQ/MCQ
Burns	4	.1	5	SAQ/MCQ
Surgical. Skin and subcutaneous infections	4	.1	5	SAQ/MCQ
Oropharyngeal cancer	4	.1	5	SAQ/MCQ
Endocrine general surgery–thyroid & parathyroid	4	.1	5	SAQ/MCQ
Blood & blood component	1	.02	1	SAQ/MCQ
Investigations of surgical patients	1	.02	1	SAQ/MCQ
Wound healing & Metabolic response to injury	1	.02	1	SAQ/MCQ
Developmental anomalies of face & jaw & Disorders of salivary glands	1	.02	1	SAQ/MCQ
Total	38 (T)	1	50	

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Paper A				
Part :II	Weight	Weightage	Marks distribution	Question type distribution
Topics : Allied subjects of surgery	(I x F) (w)	(I x F)/T (W)		
Orthopaedics	The detail & distribution can be obtained from concern department		40	LAQ/SAQ/MCQ
Anaesthesia			10	LAQ/SAQ/MCQ
Dental			10	LAQ/SAQ/MCQ
Radiology & Radiotherapy			10	LAQ/SAQ/MCQ
Total				50

# Obst & Gynaec

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## PAPER A

PART I	PART II
1. Anemia	1. Hypertensive disorders of Pregnancy
2. Antepartum haemorrhage	2. Third stage complications
3. Medical and surgical disorders in pregnancy	3. FGR, Prematurity, Post maturity, Postdate pregnancy, Previous cesarean section, PROM/PPROM
4. Reproductive physiology, Fetus, Placenta	4. Rh Isoimmunisation
5. Preconception counselling	5. Multiple pregnancy
6. Diagnosis of pregnancy	6. Operative obstetrics
7. Maternal Changes in pregnancy	7. AETCOM Module 4.2
8. Antenatal Care	8. Normal and Abnormal Puerperium
9. Complications in early pregnancy	9. National programme
10. Hyperemesis	10. PPIUCD programme
11. Ectopic pregnancy	11. Demography & Vital statistics
12. Abortion	12. Malpresentations
13. Molar pregnancy, GTD	13. Lactation and care of Newborn
	14. PC-PNDT Act
	15. MTP act

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## PAPER B

PART I	PART II
<ol style="list-style-type: none"><li>1. Anatomy of female genital tract(basic anatomy &amp; embryology)</li><li>2. Genital infections (PID, Genital TB, STD)</li><li>3. Infertility</li><li>4. Puberty</li><li>5. Amenorrhoea</li><li>6. Hirsutism</li><li>7. PCOS</li><li>8. Benign and Pre-malignant lesions of genital tract</li><li>9. Endometriosis</li><li>10. Prolapse</li></ol>	<ol style="list-style-type: none"><li>1. AUB/ HMB</li><li>2. Malignancy of genital tract</li><li>3. Contraception</li><li>4. Leiomyoma</li><li>5. Gestational Trophoblastic Neoplasia</li><li>6. Operative gynaecology</li><li>7. AETCOM Module 4.7 &amp; 4.8</li><li>8. Genital injury/fistula</li><li>9. Menopause</li></ol>