

**Second Professional Examination Scheme (Admitted Batch 2023-24)**

SN	Name of Subject	Subject Code	Theory				Theory Total		Practical	Viva	Practical /clinical +Viva		Grand Total		Internal Assessment				(IA Grand Total)	
			Paper1		Paper2		MAX	MIN			MAX	MIN	MAX	MIN	Theory		Practical		MAX	MIN
			MAX	MIN	MAX	MIN									MAX	MIN	MAX	MIN		
1.	Pathology	23MBBS201	100	40	100	40	200	80	80	20	100	40	300	150	500	200	500	200	1000	500
2.	Microbiology	23MBBS202	100	40	100	40	200	80	80	20	100	40	300	150	500	200	500	200	1000	500
3.	Pharmacology	23MBBS203	100	40	100	40	200	80	80	20	100	40	300	150	500	200	500	200	1000	500
<b>Total</b>			<b>300</b>	<b>120</b>	<b>300</b>	<b>120</b>	<b>600</b>	<b>240</b>	<b>240</b>	<b>60</b>	<b>300</b>	<b>120</b>	<b>900</b>	<b>450</b>	<b>1500</b>	<b>600</b>	<b>1500</b>	<b>600</b>	<b>3000</b>	<b>1500</b>

**Note: Mandatory to get 40% marks separately in theory and in practical and aggregate of 50% for theory plus practical. Learner must secure minimum 50% marks in internal Assessment in order to be eligible for appearing in the final University Examination of that subject.**

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HOD, Pharmacology

**SCHEME OF EXAMINATION: PATHOLOGY**  
**UNIVERSITY EXAMINATION**

**A. THEORY : 200 MARKS**

There shall be two theory papers of 100 marks each and duration of each paper will be of 3 hours. The pattern of questions would be as per the decision taken in Board of Examination.

**Distribution of chapters and suggested marks in parenthesis for Paper I and Paper II in Pathology for University examination are as follows\*:**

<b>Paper-I (Paper Code 23MBBS201001)</b>			
Question No.	Question Description	Division of Marks	Total Marks
1	<b>MCQs : on all topics of the paper 10</b>	10 X 1mk	10
2	General Pathology inclusive of general neoplasia, Haematology inclusive of transfusion medicine. 1 question should be from General Pathology and General Neoplasia and one question should be from Haematology inclusive of transfusion medicine. LAQs (2/3) (At least 1 LAQ Clinical Based)	2 X 20mks Each =20mks	40
3	SAQs (6/7) (1 SAQ compulsory from AETCOM) Module No. 2.6, 2.4A, 2.4B and 2.7	6 X 5mks Each = 5mks	30
4	SAQs (10/10)	10X 2mks	20
<b>Total Marks</b>			<b>100</b>

**Note: 01. For detail syllabus please refer to competency based undergraduate curriculum Vol. 01 by NMC in 2018.**

**02. \*The topics assigned to the different papers are generally evaluated under those sections. However a strict division of the subject may not be possible and some overlapping of topics is inevitable.**

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**SCHEME OF EXAMINATION: PATHOLOGY  
UNIVERSITY EXAMINATION**

**Paper-II (Paper Code 23MBBS201002)**

<b>Paper-II</b>			
Question No.	Question Description	Division of Marks	Total Marks
1	<b>MCQs : on all topics of the paper 10</b>	10 X 1mks	10
2	Systemic Pathology inclusive of systemic Neoplasia and Clinical Pathology. Out of 2 LAQs, 1 question should be from Systemic Pathology and Systemic Neoplasia and one question should be from Clinical Pathology. LAQs (2/3) (At least 1 LAQ Clinical Based)	2 X 20mks Each =20	40
3	SAQs (6/7)	6 X 5mks Each= 5mks	30
4	SAQs (10/10)	10X 2mks	20
	<b>Total Marks</b>		<b>100</b>

**Note: 01. For detail syllabus please refer to competency based undergraduate curriculum Vol. 01 by NMC in 2018.**

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**SCHEME OF EXAMINATION: MICROBIOLOGY**  
**UNIVERSITY EXAMINATION**

**A. THEORY : 200 MARKS**

There shall be two theory papers of 100 marks each and duration of each paper will be of 3 hours. The pattern of questions would be as per the decision taken in Board of Examination.

**Distribution of chapters and suggested marks in parenthesis for Paper I and Paper II in MICROBIOLOGY for University examination are as follows\*:**

**PAPER-I (Paper Code 23MBBS202001)**

SN	Topics	Marks
1	<i>MCQS on all topics of the paper I</i>	10
2	General Microbiology & Immunology	90#*
3	Infection of Bloodstream and Cardiovascular system, Gastrointestinal tract and Hepato-biliary system	
4	AETCOM Module No.- 2.2A, 2, 2B, 2.2C, 2.2D, 2.2.E, 2.3 and 2.5	
<b>TOTAL</b>		<b>100</b>

**Note: 01. For detail syllabus please refer to competency based undergraduate curriculum Vol. 01 by NMC in 2018.**

**02. # One brief answer Question of paper –I should be based on AETCOM Module.**

**03. \* Clinical case scenario should have a weightage of at least 10% of Marks, in each theory paper.**

**04. \*The topics assigned to the different papers are generally evaluated under those sections. However a strict division of the subject may not be possible and some overlapping of topics is inevitable.**

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**SCHEME OF EXAMINATION: MICROBIOLOGY**  
**UNIVERSITY EXAMINATION**

**PAPER II (Paper Code 23MBBS202002)**

<b>SN</b>	<b>Topics</b>	<b>Marks</b>
1	<i>MCQS on all topics of the paper II</i>	10
2	Infections of Skin, Soft tissue and Musculoskeletal System and Central nervous System	90*
3	Infections of Respiratory System, Genitourinary and Sexually- Transmitted Infections, hospital Infection and Control, Zoonotic Diseases and Miscellaneous	
<b>TOTAL</b>		<b>100</b>

**Note: 01. For detail syllabus please refer to competency based undergraduate curriculum Vol. 01 by NMC in 2018.**

**02. \* Clinical Cases scenario should have a weightage of at least 10% of Marks, in each theory paper.**

**03. \*The topics assigned to the different papers are generally evaluated under those sections. However a strict division of the subject may not be possible and some overlapping of topics is inevitable.**

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**SCHEME OF EXAMINATION: PHARMACOLOGY**  
**UNIVERSITY EXAMINATION**

**A. THEORY : 200 MARKS**

There shall be two theory papers of 100 marks each and duration of each paper will be of 3 hours. The pattern of questions would be as per the decision taken in Board of Examination.

**Distribution of chapters and suggested marks in parenthesis for Paper I and Paper II in Pharmacology for University examination are as follows\*:**

**Paper-I (Paper Code 23MBBS203001)**

SN	Topics	Marks
1	<i>MCQs on all topics of the paper I</i>	10
2	General Pharmacology	90#*
3	Autonomic Nervous system including skeletal muscle relaxants	
4	Cardiovascular system including diuretics	
5	Haematology	
6	Gastro intestinal drugs	
7	Respiratory system	
8	AETCOM- 2.1, 2.2, 2.3	
<b>TOTAL</b>		<b>100</b>

**Note: 01. For detail syllabus please refer to competency based undergraduate curriculum Vol. 01 by NMC in 2018.**

**02. # One brief answer Question of paper- I should be based on AETCOM Module.**

**03. \* Clinical case scenario should have a weightage of at least 10% of Marks, in each theory papers.**

**04. \*The topics assigned to the different papers are generally evaluated under those sections. However a strict division of the subject may not be possible and some overlapping of topics is inevitable.**

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**SCHEME OF EXAMINATION: PHARMACOLOGY**  
**UNIVERSITY EXAMINATION**

**PAPER-II (Paper Code 23MBBS203002)**

SN	Topics	Marks
1	<i>MCQs on all topics of the paper II</i>	10
2	Central Nervous system including general/ local anaesthesia	90*
3	Endocrine system	
4	Chemotherapy	
5	Autacoids	
6	MISC, Topics: Chelating agents, Vaccines and Antisera, ocular pharmacology, dermatological pharmacology, nutraceuticals, occupational and environmental pharmacology, and toxicology.	
<b>TOTAL</b>		<b>100</b>

**Note: 01. For detail syllabus please refer to competency based undergraduate curriculum Vol. 01 by NMC in 2018.**

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**03.\*The topics assigned to the different papers are generally evaluated under those sections. However a strict division of the subject may not be possible and some overlapping of topics is inevitable.**

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