

II PROFESSIONAL MBBBS COURSE for the academic year 2023-24

PHARMACOLOGY PRACTICAL SCHEME

Practical -I	40 Marks
Prescription writing	05 Marks
Toxicology Charts	05 Marks
Prescription Audit	10 Marks
Clinical Problem Solving Exercise	10 Marks
Dosage Calculation	05 Marks
Review of Drug Promotional Literature	05 Marks
Practical -II	40 Marks
OSPE- P-Drug	05 Marks
OSPE- ADR	02 Marks
Preparation of ORS	03 Marks
AETCOM- demonstration of Routes with communication	10 Marks
Experimental Pharmacology Qualitative Only CAL/Charts	10 Marks
Clinical Pharmacology-Pharmacokinetic exercise	10 Marks

VIVA – 20 Marks

GP, CNS, RS, GIT, AUTACOIDS,	5 Marks
ANS, CVS, BLOOD DIURETICS, THERAPEUTIC GASES, OCULAR PHARMACOLOGY	5 Marks
CHEMOTHERAPY , DERMATOLOGICAL PHARMACOLOGY, IMMUNOMODULATORS	5 Marks
ENDOCRINE, ENZYEMS IN THERAPY , VITAMINS, TOXICOLOGY	5 Marks
TOTAL	20 Marks

PATHOLOGY

PRACTICALS (80 Marks)

EXERCISES & SKILLS

1	Peripheral smear staining & interpretation	30 Minutes	10 Marks
2	Hb Estimation	20 Minutes	05 Marks
3	Urine Analysis	30 Minutes	10 Marks
4	Histopathology slides 1 mark x 10	30 Minutes	10 Marks
5	Hematology 1 mark x 5		05 Marks
6	Cytology 1 mark x 5		05 Marks
7	Gross Specimens 2.5 marks x 4	20 Minutes	10 Marks
8	OSPE OSPE Exercise Blood – Grouping, Rh typing	50 Minutes	5 Marks
	Clinical Interpretation Skills OSPE case based discussion including Interpretation of CBC report, Abnormal Semen Analysis Report, Laboratory Requisition writing for the given Clinical case scenario.		15 Marks
	Hematology (1), Systemic (2) 3 case charts x 5 marks		5 Marks
	3) OSPE spotters – H& E, Special Stains, IHC, Histotechniques Gross specimen, Interpretation of Urine strips 5 x 1 = 5 Marks		

VIVA – 20 Marks

General Pathology	5 Marks
Systemic Pathology – I	5 Marks
Systemic Pathology – II	5 Marks
Hematology	5 Marks
TOTAL	20 Marks

MICROBIOLOGY - PRACTICALS (80 Marks)

1	Gram staining	16 Marks
2	AFB Staining	16 Marks
3	Bacteriology	06 Marks
4	Immuno Serology	06 Marks
5	Parasitology	06 Marks
6	Mycology	06 Marks
7	Virology	06 Marks
	For problem solving exercise no.3 to 7, Clinical case scenario to be given for identification of the disease causing agent and interpretation of Immuno-serology.	
8	Spotters	10 Marks
9	OSPE (any two of the following) Hand Hygiene Bio Medical Waste Management Donning/Doffing Interpretation of Antibiotic Sensitivity Testing	2 X 4 MARKS = 8
	Laboratory Requisition writing for the given clinical case scenario Specimen Collection (any one of the following) Blood Naso-Pharyngeal Swab Wound Swab Urine sample collection from indwelling catheter	

VIVA – 20 Marks

General Bacteriology and Immunology	5 Marks
Blood stream infections, CVS, GIT and Hepato Biliary System	5 Marks
Respiratory System, Genitourinary System and STD	5 Marks
Skin and soft tissue, CNS, HAI, BMW and Antimicrobial Susceptibility	5 Marks
TOTAL	20 Marks

