

DEPARTMENT OF MICROBIOLOGY

Part I		Teacher
Paper 1		
Paper I , group A, Unit 1 Stereochemistry (15)		BB
Paper I , group A Unit 1 Carbohydrate (15)		BB
Paper I , group A Unit 1 Amino acids (7)		BB
Paper I , group A Unit 1 Amino acids (3)		ND
Paper I , group A Unit 2 Proteins (15)		ND
Paper I , group A Unit 2 Nucleic acids (8)		ND
Paper I , group A, Unit 2 Nucleic acids (7)		BK
Paper I ,group A, Unit 2 Lipids (10)		DB
Paper I , group B, Unit 1 Physico-chemical properties of water (10)		ADG
Paper I , group B, Unit 1 Thermodynamics(15)		ADG
Paper I , group B, Unit 1 Microscopy (5)		
Paper I , group B, Unit 1 Fundamentals of radioactivity (10)		
Paper I , group B, Unit 2 Spectrophotometry (15)		
Paper I , group B, Unit 2 Biometry (15)		
Part I		Teacher
Paper 2		
Paper II , group A, Unit 1 Notable contri in the dev of Microbiology: (3)		MD
Paper II , group A, Unit 1 Position of microorgs in biological world: (4)		SKB
Paper II , group A, Unit 1 Stains & Staining techniques: (10)		RN
Paper II , group A, Unit 1 Bacterial cell wall biosyn and structure(5)		SKB
Paper II , group A, Unit 2 Eukaryotic microbes (10)		MD
Paper II , group A, Unit 2 Microbial Nutrition (10)		RN
Paper II , group A, Unit 2 Bacterial Growth (5)		RN
Paper II , group A, Unit 2 Control of growth of Microbes (15)		MD
Paper II , group B	Practical	ADG

Part I I Paper 3	Teacher
Paper III Unit 1 DNA Replication (10)	ND
Paper III Unit 1 Transcription in prokaryotes (15)	ND
Paper III Unit 1 Mechanism of translation in prokaryotes: (15)	ND
Paper III Unit 2 Eukaryotic cell biology (35)	ND
Paper III group B unit 1 Enzymes	BB
Paper III group B Unit 1, Amino acid metabolism (10)	BB
Paper III Group B Unit 2, Purine and Pyrimidine metabolism (10)	BB
Paper III Group B Unit 2, carbohydrate metabolism (25)	MD
Paper III Group B Unit 2, Lipid metabolism (5)	DB

Part I I Paper IV Group A	
Paper IV Group A Unit 1, Air Microbiology (5)	MD
Paper IV Group A Unit 1, water Microbiology (10)	MD
Paper IV Group A Unit 1, Food Microbiology (15)	SKB
Paper IV Group A Unit 1, Preservation of food (5)	SKB
Paper IV Group A Unit 1, Microbiologically Fermented food (5)	SKB
Paper IV Group A Unit 2, Soil Microbiology (25)	SKB
Paper IV Group A Unit 2, Biogeochemical cycle (15)	MD

Paper IV Group B Practicals	BK + MD
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Part III Paper 5	Teacher
Paper V GroupA, Unit 1 Structure: DNA, gene and chromosome (20)	ND
Paper V GroupA, Unit 1 Genetic exchange (15)	ND
Paper V GroupA, Unit 2, Mutation and Repair (20)	ND
Paper V GroupA, Unit 2 Recombination (10)	ND
Paper V GroupB, Unit 1 Industrial microbiology (25)	SKB
Paper V GroupB, Unit 1 General method of preservatn of industrially important culture strains (5)	SKB
Paper V GroupA, Unit 2 Recombinant DNA Technology (35)	ND

Part III Paper 6	
Paper VI Group A, Unit 1, Normal Microbial Flora (normal)	AM
of human body (5)	AM
Paper VI Group A, Unit 1 Antimicrobial Therapy (15)	AM
Paper VI Group A, Unit 1 Common Microbial Diseases (15)	RN
Paper VI Group A, Unit 1 Mechanism of Bact Pathogenicity (15)	RN
Paper VI Group A, Unit 2 Virology (30)	AC
Paper VI GroupB, Unit 1 Introduction: overview of Imm sys. (2)	BK
Paper VI GroupB, Unit 1 Cells and organs of Immune system (10)	BK
Paper VI GroupB, Unit 1 Types of Immunity (14)	SD
Paper VI GroupB, Unit 1 Antigens(6)	SD
Paper VI GroupB, Unit 2 Immunoglobulins (9)	SD
Paper VI GroupB, Unit 2 Antigen - Antibody interactions(5)	SD
Paper VI GroupB, Unit 2 Complement(6)	BK
Paper VI GroupB, Unit 2 Hypersensitivity(6)	BK
Paper VI GroupB, Unit 2 Vaccines (7)	BK

Part III Paper 7 (Practical)	DB + ND
Part III Paper 8 (Practical)	DB + ND