

SPECIALTY: MEDICAL LABORATORY SCIENCES (MLS)

PAPER: CASE STUDY

Credit Value: 14

Objective(s) of the paper: The student should be able to identify the cause and course of the disease that is to process information and come out with a correct conclusion.

Nature of exam: Written Format of the Exam:

Exam Paper	Option	Different sections of the paper	Duration per section	Mark Allocation	%	Concerned courses
Case study	MLS	Section A: Clinical Bacteriology/Virology	1	20	20	Clinical Bacteriology/Virology
		Section B: Clinical Parasitology/Mycology/entomology	1	20	20	Clinical Parasitology/Mycology
		Section C: Clinical Haematology/ Blood Transfusion	1	20	20	Clinical Haematology/ Blood Transfusion
		Section D: Immunology and Serology	1	20	20	Immunology and Serology
		Section E: Clinical Biochemistry	1	20	20	Clinical Biochemistry
MARK			Total	100	100	

PAPER: HISTOPATHOLOGY-HUMAN CYTOLOGY

Credit Value: 2

Objective(s) of the paper: At the end of this course student should be able to identify normal and abnormal tissue via tissue processing and identifications. Nature of exam:

Written Format of the Exam:

Exam Paper	Option	Different sections of the paper	Duration	Mark Allocation	%	Concerned courses
HistopathologyHuman cytology	MLS	Section A: MCQ	50	30	30	Histopathology; Human Cytology; Genetic; Cell Biology; Cell infections; Tissue processing;
		Section B: short answers questions	50	30	30	
		Section C: Essay questions	1:20	40	40	
MARK			Total	100	100	

PAPER: MEDICAL MICROBIOLOGY AND PARASITOLOGY

Credit Value: 3

Objective(s) of the paper: To assess student understanding on the basics of bacteria, viruses, fungi, parasite and their Pathogenicities Nature of exam: Written Format of the Exam:

Exam Paper	Option	Different sections of the paper	Duration	Mark	%	Concerned courses
Medical Microbiology and Parasitology	MLS	Section A: MCQ	50	30	30	Medical Bacteriology/Virology
		Section B: short answers questions	50	30	30	Medical Parasitology/Mycology
		Section C: Essay questions	1:20	40	40	Medical Entomology
Total			3hrs	100	100	

PAPER: HAEMATOLOGY AND BLOOD TRANSFUSION SCIENCE

Credit Value: 3

Objective(s) of the paper: To assess student understanding on staining of blood cells, hematopoiesis, blood screening, blood banking, blood disorder. Nature of exam: Written Format of the Exam:

Exam Paper	Option	Different sections of the paper	Duration per section	Mark Allocation	Percentage	Concerned courses
Haematology and blood transfusion Science	MLS	Section A: MCQ	50	30	30	Haematology; blood transfusion Hemostasis
		Section B: short answers questions	50	30	30	
		Section C: Essay questions	1:20	40	40	
MARK			Total	100	100	

PAPER: CLINICAL BIOCHEMISTRY AND MOLECULAR BIOLOGY

Credit Value: 2

Objective(s) of the paper: To assess student understanding the principles, procedure, applications, diagnoses and quality assurance in Biochemistry and Molecular Biology

Nature of exam: Written Format of the Exam:

Exam Paper	Option	Different sections of the paper	Duration per section	Mark Allocation	Percentage	Concerned courses
Clinical Biochemistry and Molecular Biology.	MLS	Section A: MCQ	50	30	30	Molecular biology; General Biochemistry ; Clinical biochemistry; Quality assurance
		Section B: short answers questions	50	30	30	
		Section C: Essay questions	1:20	40	40	
total			3hrs	100	100	