

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of Allied Health Sciences _____ Back Paper Examination (Odd and Even Semester) – July - August 2024 [Programme: B Sc MLT] [Semester: V]				
Course Title: BMLS5007		Max Marks: 100		
Course Code: Applied Histopathology - II		Time: 3 Hrs.		
Instructions:	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
SECTION-A (15 Marks)		5 Marks each		
1.	What is tissue processing?	K1	CO1	5
2.	Define the term Impregnation.	K1	CO1	5
3.	Illustrate vital staining with suitable example.	K2	CO2	5
SECTION-B (40 Marks)		10 Marks each		
4.	Demonstrate the purpose of Enzyme histochemistry.	K2	CO3	10
5.	Identify about various staining procedure for detection of fibers.	K3	CO1	10
6.	Identify the types of enzymes present in tissue sample.	K3	CO2	10
7.	Categorize the applications of FISH.	K4	CO2	10
SECTION-C (45 Marks)		15 Marks each		
8.	Distinguish the staining method to detect fungi from tissue sample.	K4	CO1	15
9.	Determine the special Gram staining technique only used in histopathology lab for bacterial identification.	K5	CO3	15
10	Determine the applications of Electron microscopy.	K5	CO3	15