PRN:		Course Code :	UML 403

Second Year **B.Sc. Medical Laboratory Technology**
Semester End Examination Summer 2024

Histopathology

Day and Date: 27 MAY 2024 Monday Max Marks: **50**

Time : 02:00PM To 04:00PM Duration: **02** hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt any two from the following**			
	a)	Define Histotechniques and cytology. Write about organization, care & safety measures in histotechnology lab	06	1	CO1
	b)	Define fixation and write in detail about types of fixative.	06	2	CO 2
	c)	How would you carry out Labeling and transportation of tissue specimens?	06	3	CO 3
Q.2		**Attempt any two from the following**			
	a)	Explain in detail types tissue and its role in Histotechniques.	06	2	CO 2
	b)	Describe about automatic tissue processing and its steps.	06	2	CO 2
	c)	Write a short note on Embedding media, its types and properties	06	3	CO 3
Q.3		**Attempt the following**			
	a)	Draw diagram of Microtome and write working mechanism.	06	2	CO 2
	b)	Enlist Microtome knives and knife sharpening methods.	07	3	CO 3
		or			
	b)	Explain in detail staining methods.	07	3	CO3
Q.4		**Attempt the following**			
	a)	How mounting of tissue section is done? Enumerate different mounting media.	06	2	CO 2
	b)	Write about Progressive and regressive staining.	07	3	CO 3
		or			
	b)	Differentiate between Haematoxylin and Eosin staining	07	2	CO 2

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