



End Semester/Reappear (Semester II) Examination May, 2025

Programme: BMLT
Course: Histology
Course Code: 42ABMT203
Enrolment no. _____

Full Marks: 70
Time: 3 Hrs.

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks	
Section I					
1	Short Answer type questions.				
a	Describe the composition of Zenker's fluid. or	CO2	Remember	4 x 5 = 20	
	Explain the Physical method of fixation for a tissue.	CO2	Remember		
b	Compare between Impregnation and Embedding. or	CO3	Understand		
	Explain the waxes used in Embedding process.	CO3	Understand		
c	Describe the composition of Sudan black and Congo Red. or	CO4	Remember		
	Define and classify the different Dyes.	CO4	Remember		
d	Label the Histological diagrams of Respiratory system of human. Explain its function. or	CO5	Remember		
	Label the histological diagram of Pancreas. Explain its function.	CO5	Remember		
Section II					
Long Answer type questions.					
2	Describe the composition of Blouin's fluid and Glutaraldehyde. or	CO3	Understand	3 x 10 = 30	
	Explain the procedure of Tissue Staining with diagram.	CO3	Analyze		
3	Explain the Rotary Microtome with diagram. or	CO2	Analyze		
	Describe the function of Cryotomy.	CO2	Understand		
4	Explain about freezing and Sliding microtome. or	CO4	Analyze		
	Explain about Hematoxylin in details.	CO4	Analyze		
Section III					
Application based questions					
5	Explain about Circulatory System of human body in details. or	CO5	Analyze	1 x 20 = 20	
	Explain about Lymphatic System of human body in details.	CO5	Analyze		

COURSE OUTCOME

At the end of the course candidate will able to

- CO1 Understand to carry out the fixation process and the mechanism involved.
- CO2 Learn about the properties of various elements and different types of bonding for understanding its application in paramedical domain.
- CO3 Get knowledge of importance of mounting and various types of mounting used.
- CO4 Knowledge about various stains used for preparation of specimen shall be
- CO5 Students shall be acquainted with anatomy of various organs and be capable to distinguish the presence/absence of pathological conditions