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Course: B.Voc, Program: Medical Laboratory Technology
Subject: Histology Cytology-II, Code: MLT-703
Semester -VI

Time: 03 Hours

Max Marks: 35

Instructions to the Students:

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises **10 questions** of short answer type. All questions are compulsory. Each question carries **01 marks**.
3. Section B comprises 08 long answer type questions out of which students must attempt any 05. Each question carries **05 marks**.
4. Do not write anything on the question paper.
- 5.

Q.No.	SECTION -A (SHORT ANSWER TYPE QUESTIONS)	Marks
1. a	What is tissue processing?	(1)
b	Define Fixation.	(1)
c	What is Neuropathology?	(1)
d	Name two pigments demonstrated in tissue sample.	(1)
e	Give Two example of Fixative.	(1)
f	Name two Acid Fast Bacteria.	(1)
g	Name the techniques used to demonstrate Myelin.	(1)
h	What is principle of Electron microscope?	(1)
i	Name two enzymes demonstrated in tissue sample.	(1)
j	How to demonstrate nucleic acids?	(1)

SECTION -B (LONG ANSWER TYPE QUESTIONS)

2. Write short note on H&E staining and its principle. (5)
3. Write short note on Museum techniques. (5)
4. How to process Bone marrow samples? (5)
5. Define the fixation. Explain the classification of Fixative. (5)
6. How to demonstrate Mycobacteria tuberculosis in tissue sample? (5)
7. Explain the working principle of Fluorescence microscope. (5)
8. Write short note on Neuron staining. (5)
9. How to demonstrate lipids in tissue sample? (5)

===END OF PAPER===