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School of Medical and Allied Sciences

M.Sc Medical Lab Technology
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem II - L1PG204T - Histopathology and Modern DiagnosticsGeneral Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) Illustrate the importance of proper recording and labeling in histological studies with a specific example? K2 (2)
- 2) Recall the steps involved in processing histological tissues using a tissue processor. K1 (3)
- 3) Demonstrate the technique of dehydration and clearing in tissue processing using a tissue processor? K2 (4)
- 4) Summarize and explain the advantages and disadvantages of secondary fixatives in histological specimen preparation. K2 (6)
- 5) How would you apply proper labeling and recording techniques in a histology lab to ensure accurate specimen tracking? K3 (6)
- 6) How would you organize a histology lab to streamline the workflow from specimen collection to slide examination? K3 (9)
- 7) Analyze the impact of proper fixation on the quality of histological specimens. K4 (8)
- 8) Categorize different types of fixatives based on their chemical composition? K4 (12)

OR

How would you categorize histological specimens based on their sources, such as tissues or cells? K4 (12)