

No. of Printed Pages : 4
Roll No.

221934

**3rd Sem / DMLT, DMLT
(For Speech and Hearing Impaired)
Subject : Histopathology**

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 The process in which a sample of tissue is taken from the dead body in order to examine the cause of death is called
- a) Autopsy b) Biopsy
c) Autolysis d) None
- Q.2 Sections of tissue in histopathology are cut by
- a) Electron beams b) Sharp knife
c) Laser d) Microtome
- Q.3 A process by which water is eliminated from tissue is called
- a) Infiltration b) Impregnation
c) Embedding d) Dehydration

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- Q.4 The color of nuclei in H&E staining will be
- a) Red b) Green
c) Blue d) None
- Q.5 The chemical which is required to fasten color in staining reaction is called
- a) Mordant b) Fixative
c) Solvent d) Accelerator
- Q.6 DPX is.
- a) Synthetic b) Natural
c) A and B both d) None

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Define biopsy?
- Q.8 Write any two properties of the ideal fixatives?
- Q.9 Write the parts of microtome.
- Q.10 Expand PAP.
- Q.11 Define differentiation.
- Q.12 Define metachromasia.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Write a short note on tissue processing.

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- Q.14 Write down the importance of labelling histopathology.
- Q.15 Describe the composition of carnoy fluid.
- Q.16 Explain embedding technique in details with diagram.
- Q.17 Write down the care and maintenance of microtome knives.
- Q.18 Explain the principle of MGG staining method.
- Q.19 Differentiate between teased and squashed method of tissue preparation.
- Q.20 Write the preparation of CSF smears?
- Q.21 Write a note on stropping technique.
- Q.22 Write any four characteristics of an ideal mountant.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Define exfoliative cytology. Describe the collection and processing of sputum samples for cytology.
- Q.24 Write principal, procedures and results of haematoxylin and eosin staining.
- Q.25 Discuss in detail the errors / cutting faults in sections and their remedies.