

221946

Time : 3 Hrs.

M.M. : 60

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

a) Fat b) Alcohol
c) Carbohydrates d) Protein

a) 11.4 to 13.4 b) 7.4 to 7.6
c) 2.4 to 2.9 d) None of above

a) Biopsy b) Autopsy
c) Fixation d) Museum

a) 15 mm b) 30 mm
c) 60 mm d) 75 mm

- Q.5 The capacity of disposable syringe for FNA should be
- a) 5 - 10 ml b) 10 - 12 ml
c) 10- 20 ml d) 25 - 30 ml
- Q.6 Tissue cutting is done by
- a) Microscope b) Macro scope
c) Microtome d) None of above

SECTION-B

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

- Q.7 Define Automation in Cytology.
- Q.8 What are counter stains.
- Q.9 Expand FNAC and ABC.
- Q.10 Define Mounting.
- Q.11 Define Staining.
- Q.12 Name two decalcifying agents.

SECTION-C

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

- Q.13 Differentiate between Gram positive and Gram-negative staining method.
- Q.14 Explain Z-N staining with procedure.

- Q.15 Write a detailed note on freezing microtome.
- Q.16 Explain the mounting of Frozen section.
- Q.17 Label & draw the diagram of five instruments used in Autopsy.
- Q.18 Write a note on Gram stain method.
- Q.19 Write a short note on cytopsin.
- Q.20 Write down the various applications of FNAC.
- Q.21 Describe the principle & interpretation of PAS staining.
- Q.22 Why museum is important in Histopathology?

SECTION-D

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

- Q.23 Explain in detail about the working & parts of cryostat.
- Q.24 Write down the types & purpose of Autopsy. Also mention the equipments used for Autopsy.
- Q.25 Write a short note on
- a) MGG Stain
b) PAP Stain