

No. of Printed Pages : 4
Roll No.

221946

4th Sem / DMLT (For Speech of Hearing Impaired)
Subject : Immunopathology & Cytology

Time : 3 Hrs. M.M. : 60

SECTION-A

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

Q.1 Which method is used for decalcification?

- a) Acid Method
- b) Colon Method
- c) Base Method
- d) None of above

Q.2 Which gas is used in freezing microtome?

- a) NO₃
- b) O₂
- c) CO₂
- d) All of above

Q.3 What is the name of the process in which excess dye is removed?

- a) Differentiation
- b) Blueing
- c) Staining
- d) Counter stain

Q.4 Which type of reagent are used for filling the cavity in museum mounting?

- a) Sodium Acetate
- b) sodium Hydrosulphite
- c) Acid-Gelatin
- d) Glycerin

Q.5 The gauge of needle required for the fine needle aspiration is :-

- a) 21/27 G
- b) 21/24 G
- c) 14/27 G
- d) 11/17 G

Q.6 Z - N stain is used for

- a) ASB
- b) Virus
- c) FAT
- d) AFB

SECTION-B

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

Q.7 PAS stand for _____.

Q.8 Who discovered the Gram Stain?

(1)

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(2)

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Q.9 What is the temperature range of cryostat?

Q.10 Define Autopsy?

Q.11 Define Museum technique ?

Q.12 Name any two cytological stains?

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. $(8 \times 4 = 32)$

Q.13 Illustrate the procedure of Oil-Red O stain ?

Q.14 What is meant by decalcification and what is the purpose of doing it.

Q.15 Write down the advantages and disadvantages of freezing microtome.

Q.16 Explain the frozen section cutting .

Q.17 Explain down the precautions for museum specimen.

Q.18 Write down the care and maintenance of autopsy instruments.

Q.19 Write the principle of FNAC.

Q.20 Write the significance and interpretation of results in Z-N staining

Q.21 Write down the uses of hormonal assessment.

Q.22 Describe the principle and interpretation of MGG staining.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. $(2 \times 8 = 16)$

Q.23 Explain in detail about the principle and procedure of H & E staining

Q.24 Give the advantages , disadvantages of FNAC. Describe the various application of FNAC.

Q.25 Write a short note on

a) Automation in Cytology

b) HCG test.