

[LQ 1019]

NOVEMBER 2020

Sub. Code: 1264

(MAY 2020 EXAM SESSION)

M.Sc. MEDICAL LABORATORY TECHNOLOGY

SECOND YEAR

PAPER IV: TECHNIQUES IN HISTOPATHOLOGY AND CYTOPATHOLOGY

Q.P. Code: 281264

Duration: 3 hrs

Total Marks: 100 marks

I. Elaborate notes on: (2 x 20 = 40)

1. Write a note on Immuno Histo Chemistry with its uses. How does it differ from Immuno fluorescence Staining?
2. Elaborate on the Different Histo Chemical Stains used for Identification of Micro organisms. What is the most common Histo Chemical stain used for Identification of H.pylori?

II. Write short notes on: (10 x 6 = 60)

1. Classify Fixatives. What are the Aim and Functions of an Ideal Fixative?
2. Write the Principle, Procedure and uses of PAS Stain.
3. Write a note on Liquid Based Cytology. How does it differ from Conventional PAP Cytology?
4. Write a note on Progressive and Regressing Staining Methodology with suitable example.
5. What is a Clearing Agent? Mention the Properties and uses of clearing agent in Histopathology.
6. Mention the Formalin Fixatives used for Carbohydrates.
7. Write a note on Automation in Histopathology.
8. Write the principle, procedure and uses of Masson Trichrome stain.
9. Write a note of Freezing Microtome and its uses.
10. Write a note on Light Microscopy.
