

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0921]

**SEPTEMBER 2021
(MAY 2021 EXAM SESSION)**

Sub. Code: 1264

**M.Sc. MEDICAL LABORATORY TECHNOLOGY
SECOND YEAR (2011-2012 Regulation - From 2013-2014 onwards)
PAPER IV – TECHNIQUES IN HISTOPATHOLOGY AND CYTOLOGY
*Q.P. Code : 281264***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Mention the various Romanowsky stains. Enumerate on the uses and staining procedure.
2. What is Exfoliative Cytology? Write a note on the various Stains used in Cytology.

II. Write Short Notes on:

(10 x 6 = 60)

1. What are the types of Silver stains? Differentiate between Argyrophilic stain from Argentaffin stain with suitable examples.
2. Write a note on Papanicolaou stain. Mention its uses.
3. What are the uses of Photography in Histopathology?
4. Write a note on Museum Techniques.
5. What Histochemical stain is used for identification of Hemosiderin deposition? Mention its principle and procedure.
6. Write a note on stains used for detection of Amyloid deposits in tissue.
7. What is Bouin's fixative? Mention its uses.
8. Write a note on Embedding media.
9. Write a note on Decalcifying agents.
10. Write a note on Alcian Blue stain. Mention its uses.
