

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

[AHS 1023]

OCTOBER 2023

Sub. Code: 1264

**M.Sc. MEDICAL LABORATORY TECHNOLOGY
SECOND YEAR (From 2020-2021 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. Write a detail note on immuno-fluorescence and its protocol.
2. Discuss automation in histopathology.

II. Write Short Notes on:

(10 x 6 = 60)

1. Mention the stains used for hemosiderin and describe the procedure.
2. Write a note on auto-radiography.
3. Write a note on decalcification and its protocol.
4. Principle of AFB on Mycobacterium leprae.
5. Write a note on museum techniques.
6. Write a note on cryostat.
7. Stain for microorganisms. Explain anyone.
8. Write a note on amyloid stain.
9. Write a short note on antigen retrieval.
10. Write a note on Hematoxylin and eosin stain.
