

[LN 1018]

OCTOBER 2018

Sub. Code: 1264

**M.Sc. MEDICAL LABORATORY TECHNOLOGY EXAMS
SECOND YEAR
PAPER IV – TECHNIQUES IN HISTOPATHOLOGY AND CYTOLOGY**

Q.P. Code: 281264

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the principle, preparation, stages, staining technique of Haematoxylin and Eosin Stain.
2. Discuss automation in histopathology.

II. Write notes on:

(10 x 6 = 60)

1. Mounting of museum specimens.
2. Principle of AFB on Mycobacterium leprae.
3. Van Gieson technique: its principle, preparation and interpretation.
4. Gomori's Silver impregnation method: its principle, Preparation and interpretation.
5. Verhoeff's method for elastic fibres :- its principles preparation and interpretation.
6. Technique of sections cutting.
7. Honing and different types of hones employed and honing technique.
8. Sharpening of microtome knives.
9. Preparation and use of albuminized and starched slides.
10. Different types of microtomes.
