

VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)

B.Sc. (MEDICAL LAB TECHNOLOGY) DEGREE EXAMINATION
September 2021
Third Year

PATHOLOGY - III

Time: Three hours

Maximum: 75 marks

I. Write an Essay on any ONE of the following: (1 x 20 = 20)

1. Define fixatives. Different types of fixatives, methods of fixation and its advantage and disadvantage?
2. Write in detail about cytological fixatives and automation in cytology.

II. Write short notes on any TWO of the following: (2 x 10 = 20)

3. Flow cytometry
4. Aceto orchein stain
5. Hormonal cytology and indication
6. Exfoliative cytology.

III. Write short answers on any SEVEN of the following: (7 x 5 = 35)

7. Maturity index in pap smear.
8. Fluorescent microscoppy
9. Karyotyping
10. HB electrophoresis
11. Histokinate
12. Immunoperoxidase stain
13. H antigen
14. Minor blood group
15. Mounting media.
16. Cytological fixatives.