

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

**DIPLOMA IN MEDICAL LAB TECHNOLOGY EXAMINATION
February 2020
First Year**

PATHOLOGY - I

Time: Three hours

Maximum: 75 marks

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

1. Write in detail about steps of tissue processing for paraffin section.
2. Write in detail about various types of fixatives, their mode of action, preparation and uses.

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

3. Decalcifying reagents used for tissue decalcification and their mode of action.
4. Microscope.
5. PCV
6. Anticoagulants used in hematology.

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

7. Cryostat.
8. MCH and MCHC
9. Clearing agents.
10. Xylene.
11. Mountants.
12. Bio- medical waste management in clinical pathology.
13. Examination of body fluid in cytology.
14. Physical examination of urine.
15. Section cutting.
16. Test for hematuria.