

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

**DIPLOMA IN MEDICAL LAB TECHNOLOGY
EXAMINATION - August 2019
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 different steps in museum mounting of specimens.
2. Write in detail about collection, Preservation of urine sample with physical and chemical examination.

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

3. Sputum cytology.
4. ESR.
5. Microtome.
6. H & E staining – steps.

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

7. Blood groups.
8. Formalin.
9. Dpx mount.
10. Reticulocyte stain.
11. Section cutting.
12. Dehydration agent.
13. Cytological fixative.
14. Bouin's fixative.
15. Grossing techniques.
16. Embedding agents.