

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

**DIPLOMA IN MEDICAL LAB TECHNOLOGY**  
**EXAMINATION - September 2021**  
**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 various steps in processing.
2. Various anticoagulant used in hematology and its advantage and its disadvantage.

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

3. Papanicolaou staining.
4. Examination of body fluids.
5. Urine sediment cytology.
6. Section cutting.

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

7. Pearl stain.
8. Zenker's fixatives.
9. Clearing agents.
10. DPX.
11. Decalcifying agent.
12. Mucolytic agents.
13. Ultratome.
14. CSF fluids in TB infections.
15. Kaiserling solution.
16. Test for pyuria.