

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

**DIPLOMA IN MEDICAL LAB TECHNOLOGY EXAMINATION
March 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 about fixatives and explain in detail about formalin based fixatives.
2. Write about microscope and explain in detail about electron microscope.

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

3. Examination of Cerebro Spinal Fluid (CSF).
4. Grossing techniques.
5. Constituents of blood.
6. Hemoglobin.

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

7. Cross matching.
8. Reticulocyte count.
9. Decalcification of tissues.
10. Section cutting.
11. ESR.
12. Mounting techniques.
13. Examination of urine specimen.
14. Red blood cell indices.
15. Sputum examination.
16. Hemostasis.
