

Sl.No. M22310

Course Code: 3280202

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

**DIPLOMA IN MEDICAL LAB TECHNOLOGY
EXAMINATION - February 2020
Second Year
PATHOLOGY - II**

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 museum mounting techniques.
2. Define haemopoiesis. Describe formal elements and blood their function.

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

3. Stem cells.
4. Screening test for blood Donor.
5. Anticoagulants used in hematology.
6. Enumerate platelet count and their significance.

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

7. Blood cell indices.
8. Cells of chronic inflammation.
9. Romanowsky stain.
10. Microphotography.
11. Special stain for carbohydrate.
12. Rotary microtome.
13. Automated tissue process.
14. Prothrombin time.
15. LE cell test.
16. Sickling test.
