

Sl.No. M21720

Course Code: 3280202

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

**DIPLOMA IN MEDICAL LAB TECHNOLOGY EXAMINATION
August 2019
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 different methods of hemoglobin estimation, their advantages and disadvantages.
2. Write in detail about different steps in tissue processing and also about automated tissue processor.

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

3. Microtome.
4. Reticulin stain.
5. Activated Plasma Thromboplastin Time (APTT)
6. Platelet function test.

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

7. Schilling test.
8. LE cells.
9. Serum iron binding capacity.
10. Red blood cell count.
11. Osmotic fragility test.
12. Absolute eosinophil count (AEC)
13. Staining of FNAC smear.
14. Test for hemoglobinuria.
15. Prothrombin Time (PT) and INR.
16. Ultramicrotome.
