

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

B.Sc. (MEDICAL LAB TECHNOLOGY) DEGREE 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 collections of blood and types of anticoagulant in various haematology investigations.
2. Write in detail about bone marrow aspiration study, preparation and smear study.

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

3. Microphotography with application.
4. Absolute eosinophil count
5. Haemoglobin electrophoresis
6. Prothrombin Time

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

7. Test for hematuria
8. Romananowasky stain
9. Reticulocyte count
10. Calculation of red cell indices
11. PAS – Staining
12. Stain for fungus
13. Frozen section
14. Giemsa stain
15. Investigation of iron deficiency anemia
16. ESR