

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

**B.SC (MEDICAL LAB TECHNOLOGY) DEGREE EXAMINATION - September**

**2021  
Third Year**

**PATHOLOGY II**

Three Hours

Maximum: 75 marks

**I. Write an essay on any ONE of the following: (1 x 20 = 20)**

1. Urinary Tract-Cytology of collection of sample, preparation of smears , staining and describe about nonmalignant & malignant conditions
2. Define fixatives, Types of fixatives and methods of fixation?

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

3. Criteria for Blood donor selection
4. Explain about CSF in inflammatory and malignant conditions.
5. Importance of (FNAC) Fine needle aspiration in cytology?
6. Respiratory Tract Cytology -collection of sample, preparation of smears and staining

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

7. What is the function of Carbon dioxide incubator
8. Biochemical markers in cells and its classes
9. Effusions in malignant conditions
10. Subgroups of ABO System
11. Principle and Interpretation of May grunwald giemsa stain?
12. Shorr's stain
13. Laminar air flow equipment
14. Bombay group
15. Endometrium in malignant conditions
16. What are the Blood donor screening tests?

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