

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

**B.Sc (ALLIED HEALTH SCIENCES) & M.Sc. (Integrated Program in
Cardiac Technology) DEGREE EXAMINATION - September 2021**

First Year
PATHOLOGY
(Common to All)

Time: Three hours

Maximum: 75 marks

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

1. Define chronic inflammation and write about granulomas.
2. Mechanism and types of cell injury and difference between reversible and irreversible cell injury and write about gangrenous necrosis?

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

3. Laboratory safety guidelines.
4. Collection of blood sample.
5. Fracture healing.
6. Congestion.

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

7. Type 2 hypersensitivity.
8. Cloudy swelling.
9. Hyperplasia.
10. Cytological fixatives.
11. Urine collection and preservation.
12. Alcian blue stain.
13. Necrosis.
14. Chronic Venous Congestion (CVC) Lungs.
15. Bleeding time.
16. Erythrocyte Sedimentation Rate (ESR).
