

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

B.H.M.S. DEGREE EXAMINATION – August 2021

Second Year

PATHOLOGY AND MICROBIOLOGY - PAPER - I

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Define Inflammation. Mention its classification. Describe in detail about the cellular events of acute inflammation.
- 2) Define Cirrhosis. Mention the different types of Cirrhosis. Write in detail about Alcoholic cirrhosis.
- 3) Define Shock. Explain about the aetiology, pathogenesis and different types of shock.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Gangrene.
- 5) Different types of Atrophy.
- 6) Amyloidosis.
- 7) Pathogenesis of Thrombosis.
- 8) Difference between Benign and Malignant Neoplasm.
- 9) Primary union of wound healing.
- 10) TAO.
- 11) Thalassaemia.
- 12) Emphysema.
- 13) Nephrotic syndrome.
- 14) Rodent ulcer.
- 15) Different between Gastric and Duodenal ulcer.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Metaplasia.
- 17) Heart failure cells.
- 18) Nutmeg liver.
- 19) Decompression sickness.
- 20) Rickets.
- 21) Teratoma.
- 22) Aschoff bodies.
- 23) Osler's node.
- 24) Hydrocephalus.
- 25) Hashimoto's thyroiditis .