

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

**B.H.M.S. DEGREE EXAMINATION – October 2018
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. Explain in detail about the Vascular and Cellular changes of Acute Inflammation.
- 2) Define Rheumatic fever and Rheumatic heart disease. Write its pathogenesis and morphological lesions and criterias.
- 3) Define shock, its classification and its pathogenesis in detail.

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

- 4) Fatty Liver
- 5) Leprosy
- 6) Endogenous Pigments
- 7) Describe the mechanism of repair
- 8) Physical Carcinogenesis
- 9) Vitamin A deficiency
- 10) Osteoarthritis
- 11) Difference between Crohn disease and Ulcerative colitis
- 12) Myocardial Infarction
- 13) Pathogenesis of β Thalassaemia major.
- 14) Aschoff bodies
- 15) Carcinoma of Breast

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

- 16) Giant cell
- 17) Atrophy
- 18) Gas gangrene
- 19) Mantoux test
- 20) Congestion and hyperaemia
- 21) Philadelphia Chromosome
- 22) Seminoma testis
- 23) Reed – Sternberg cells
- 24) Types of Angina
- 25) Complications of Diabetes mellitus.
