

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

**B.H.M.S. DEGREE EXAMINATION – July 2020
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 Necrosis. Name the different types of necrosis. Discuss in detail with examples the different types of necrosis. Differentiate between Necrosis and Apoptosis.
- 2) Define Leukaemia. Write in detail about Acute Myeloid Leukaemia.
- 3) Define Oedema. Explain the pathogenesis of Oedema and its types. Describe pulmonary oedema in detail.

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

- 4) Pathologic calcification
- 5) Evolution of Granuloma
- 6) Phagocytosis
- 7) Metaplasia
- 8) Fate of Thrombus
- 9) Pathogenesis of morphology of Hodgkin's lymphoma
- 10) Pathogenesis of Atheroma
- 11) Chemokines
- 12) Pathology of Gout
- 13) Wilms Tumor
- 14) Ghon's complex
- 15) Cirrhosis of Liver.

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

- 16) CVC spleen
- 17) Repair
- 18) Mention four features of Addisons disease
- 19) COPD
- 20) Grading and Staging of Tumors.
- 21) Difference between Transudate and Exudate
- 22) FNAC
- 23) Lepramin Test
- 24) Define atrophy. Give two examples of physiological atrophy.
- 25) Coomb's test.