

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

**B.H.M.S. DEGREE EXAMINATION – October 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 Neoplasia. Explain about the Characteristics and metaplasia of Malignant Neoplasm.
- 2) Define COPD. Describe in detail about Chronic Bronchitis.
- 3) Define Embolism. Mention different types of Embolism. Write in detail about Pulmonary Thromboembolism.

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

- 4) Define Necrosis and explain its types.
- 5) Metaplasia.
- 6) Type I Hypersensitivity reaction.
- 7) Factors influencing Wound Healing.
- 8) Protein energy malnutrition.
- 9) Chemical mediators of Inflammation.
- 10) Raynaud's Phenomenon.
- 11) Acute Leukaemias.
- 12) Crohn's Disease.
- 13) Explain different types of Renal calculi.
- 14) Cushing's syndrome.
- 15) Leiomyoma.

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

- 16) Sago spleen.
- 17) Cytokines.
- 18) Virchows Triad.
- 19) Metastatic calcification.
- 20) Zenker's degeneration.
- 21) Cor Pulmonale.
- 22) Good Pasture's Syndrome.
- 23) Sjogren's syndrome.
- 24) Wilson's disease.
- 25) Name the cardiac marker's.