

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

**B.H.M.S. DEGREE EXAMINATION – April 2019  
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 the causes, vascular and cellular events of acute inflammation.
- 2) Explain aetiology, pathology, clinical features of bronchiectasis.
- 3) Define oedema. What are the different mechanisms of production of oedema and describe pulmonary oedema.

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

- 4) Write in detail about secondary union.
- 5) Explain chronic inflammation.
- 6) Explain shock in detail.
- 7) Note on carcinogenic agents.
- 8) Write in detail about apoptosis.
- 9) Describe calcification with its types.
- 10) Short note on diabetes mellitus.
- 11) Explain Rheumatic Heart disease.
- 12) Write in detail about carcinoma of breast.
- 13) Briefly explain about Grave's disease.
- 14) Explain Nephrolithiasis.
- 15) Explain chronic bronchitis.

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

- 16) Sago spleen.
- 17) Saddle embolus.
- 18) Hyperplasia.
- 19) Steatosis
- 20) Sjogren's syndrome
- 21) Howell – Jolly bodies
- 22) Intussusception
- 23) Ghon's focus.
- 24) Signs and symptoms of Beriberi.
- 25) Philadelphia chromosome.