

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

**B.H.M.S. DEGREE EXAMINATION – December 2020
Second Year**

PATHOLOGY & 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 Oedema. Discuss briefly about pathology of different types Oedema.
- 2) Classify Chronic Obstructive Pulmonary Disease. Describe any one in detail.
- 3) Define Neoplasia. Describe its types, characteristics, spread, staging and grading.

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

- 4) Calcification and its types.
- 5) Metaplasia and its types.
- 6) Fatty change.
- 7) Difference between Dry and Wet Gangrene.
- 8) Necrosis and its types.
- 9) Thrombus and its types.
- 10) Pathology of Gout.
- 11) Pathology of Nephrotic Syndrome.
- 12) Teratoma and its pathological characteristics.
- 13) Peripheral blood smear and the indications to do it.
- 14) Toxic Goitre.
- 15) Aplastic anemia.

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

- 16) Rudolf Virchow
- 17) What is Pus?
- 18) Saponification
- 19) Heart failure cells
- 20) Granuloma
- 21) Councilman bodies
- 22) Coolies anemia
- 23) Linitis plastica
- 24) Define Cor pulmonale
- 25) FNAC - Explain