

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

**B.H.M.S. DEGREE EXAMINATION – October 2021
Second Year**

PATHOLOGY AND MICROBIOLOGY PAPER - II

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Describe the morphology, cultural characteristics, pathogenesis and lab diagnosis of *Neisseria meningitidis*.
- 2) Describe in detail about life cycle, pathogenicity, lab diagnosis of *Plasmodium falciparum*.
- 3) Describe about pathogenesis and lab diagnosis of *Treponema pallidum*.

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

- 4) Giardiasis.
- 5) Chagas disease.
- 6) Life cycle and pathogenicity of *Enterobius vermicularis*.
- 7) Pathogenesis of *Bacillus anthracis*.
- 8) Pathogenicity of *Mycobacterium leprae*.
- 9) Shigellosis.
- 10) Polio virus.
- 11) Mumps virus.
- 12) Widal Test.
- 13) Delayed hypersensitivity.
- 14) Different types of culture medias.
- 15) Hot air oven.

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

- 16) Casoni's Test.
- 17) TSS.
- 18) What is haptens?
- 19) Acid – fast stain.
- 20) Koplick spot's.
- 21) Larva migrans.
- 22) Serum sickness syndrome.
- 23) General properties of virus.
- 24) ELISA test.
- 25) Negri bodies.