

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

**B.H.M.S. DEGREE EXAMINATION – April 2019
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 types of Malarial parasites. Explain the pathogenicity of Plasmodium falciparum.
- 2) Define sterilization and explain the sterilization by physical agent and chemical agent.
- 3) Define Immunity. Discuss in detail about active and passive immunity.

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

- 4) Write in detail about Beta – Haemolytic Streptococci.
- 5) Describe about the pathogenesis and laboratory diagnosis of salmonella.
- 6) Pathogenesis of hook worm.
- 7) Laboratory diagnosis of Amoebiasis.
- 8) Write a note on AIDS.
- 9) Methods of transmission of infection.
- 10) Pathogenesis of Wuchereria bancrofti.
- 11) Short note on Immunoglobulins.
- 12) Note on Lepromatous leprosy.
- 13) Describe the morphology, cultural characters, laboratory diagnosis of Vibrio cholera.
- 14) Explain Bacteriophage.
- 15) Note on Koch postulates.

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

- 16) Casoni's test
- 17) LD bodies
- 18) Quellung reaction
- 19) Disinfection
- 20) Trichomonas vaginalis
- 21) NIH swab
- 22) Agar-agar
- 23) Flagella
- 24) LJ medium
- 25) What is satellitism?