

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

**B.H.M.S. DEGREE EXAMINATION – July 2020  
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 pathogenicity, clinical manifestations and lab investigations of Beta Haemolytic Streptococci.
- 2) Describe in detail about life cycle, pathogenesis of Ascaris Lumbricoides.
- 3) Describe the pathogenicity with clinical features and laboratory findings of Salmonella typhi.

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

- 4) Life cycle and pathogenesis of Plasmodium falciparum.
- 5) Describe about the pathogenesis and lab diagnosis of Dengue Fever.
- 6) Sleeping sickness.
- 7) Bacteriophage
- 8) Pathogenesis and lab diagnosis of Clostridium tetani.
- 9) Pathogenicity of Mycobacterium Leprae.
- 10) Polio virus
- 11) Write the general characters of Nematodes.
- 12) Physical methods of sterilization.
- 13) Types of culture media.
- 14) Vibrio Cholerae
- 15) Hypersensitivity.

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

- 16) LD bodies
- 17) Zoonoses
- 18) Anchovy Sauce
- 19) Opportunistic Fungi
- 20) Difference between amoebic and bacillary dysentery
- 21) Rabies virus
- 22) Schistosomiasis
- 23) Enteric fever
- 24) Optimum condition for bacteria growth
- 25) Mumps.