

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

**B.H.M.S. DEGREE EXAMINATION – December 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) Classify enterobacteria. Give an account of the morphology, pathogenesis, lab diagnosis of Solmonella Typhi.
- 2) Describe the pathogenesis, clinical stages, lab diagnosis of Rabies.
- 3) Describe the life cycle, pathogenesis, lab diagnosis of Entamoeba histolytica.

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

- 4) Hydatid cyst and its diagnosis.
- 5) Lab diagnosis of Mycobacterium tuberculosis.
- 6) Selective medias and its types.
- 7) Adeno virus and its pathogenesis.
- 8) Pathogenesis, lab diagnosis of Pin worm.
- 9) Congenital Rubella and its diagnosis.
- 10) Difference between amoebic dysentery and bacillary dysentery.
- 11) Toxic shock syndrome and its pathogenesis.
- 12) Filiariasis and its diagnosis.
- 13) Bacteriophage-life cycle.
- 14) Urinary tract infection and its diagnosis.
- 15) Key points of Balantidium coli.

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

- 16) Saprophytes.
- 17) Endotoxin.
- 18) Bubonic plague.
- 19) Reduvid bug.
- 20) Parasites present in peripheral blood smear.
- 21) Humoral immunity.
- 22) Serum sickness.
- 23) LJ media.
- 24) Silver impregnation method.
- 25) Methods of isolating pure culture of Bacteria.