

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

**B.H.M.S. DEGREE EXAMINATION – October 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 in detail about different types of Culture Medias.
- 2) Classify malarial parasites. Describe life cycle and pathogenesis of plasmodium falciparum.
- 3) Enumerate the viruses affecting the liver. Discuss the pathogenesis and lab diagnosis of hepatitis – B virus.

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

- 4) Hot air oven and its importance.
- 5) Lung fluke – Describe.
- 6) Amoebic abscess and its diagnosis.
- 7) General characteristics of viruses.
- 8) Lab diagnosis of syphilis.
- 9) Pathogenesis of streptococcus.
- 10) Dengue heamorrhagic fever.
- 11) Methods of transmission of infection.
- 12) Cutaneous larva migrans.
- 13) Herpes zoster and its diagnosis.
- 14) Sterilisation by dry heat.
- 15) Type IV hypersensitivity.

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

- 16) Zoonosis.
- 17) Herd immunity.
- 18) Cyclops.
- 19) Killed vaccines.
- 20) Swimming pool granuloma.
- 21) NIH swab.
- 22) Casoni test.
- 23) Simple stains.
- 24) Intermediate host.
- 25) Define Botuilism.