

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

M.D. DEGREE EXAMINATION - May 2019

MICROBIOLOGY

PAPER III : PARASITOLOGY AND VIROLOGY

Time: Three hours

Maximum: 100 marks

Answer ALL questions

SECTION - A

I. Essay: (1 x 20 = 20)

1. Write in detail about the pathogenesis and laboratory diagnosis of Falciparum Malaria.

II. Write short notes on: (5 x 6 = 30)

2. Cryptosporidium parvum
3. Paragonimus westermanii
4. Lab diagnosis of toxoplasmosis
5. Cysticercosis
6. Dermal Leishmaniasis

SECTION - B

I. Essay: (1 x 20 = 20)

7. Enumerate viruses infecting the Liver. Write in detail about the lab diagnosis of Hepatitis B virus. Add a note on immunoprophylaxis of Hepatitis B.

II. Write short notes on: (5 x 6 = 30)

8. Congenital Viral infection
9. Oncogenic virus
10. Tissue culture
11. Human Papilloma Virus
12. Epstein Barr virus.