

Sl.No.M21882

Course Code: 2020303

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

**M.D. DEGREE EXAMINATION - October 2019**

**MICROBIOLOGY**

**PAPER III : PARASITOLOGY AND VIROLOGY**

Time: Three hours

Total Marks : 100

**Answer ALL questions**

**SECTION - A**

**Write essay on :** (1 x 20= 20)

1. Discuss immunology and clinical features of malaria. Write on recent advances in diagnosis and prophylaxis of malaria. (5+4+6+5)

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

2. Microfilarae.
3. Strongloidiasis.
4. Toxoplasmosis.
5. Larva migrans.
6. Blood trematodes.

**SECTION - B**

**Write essay on :** (1 x 20= 20)

7. Classify Herpes virus. Write in detail about pathogenesis by HSV. Mention the clinical feature and laboratory diagnosis of Herpes infections. (3+3+4+10)

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

8. HCV.
9. Viral Oncogenes.
10. Human Prion disease.
11. Subacute sclerosing panencephalitis.
12. Prophylaxis of polio.

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