

**VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)**

**DIPLOMA IN MEDICAL LAB TECHNOLOGY
EXAMINATION - February 2020
Second Year**

MICROBIOLOGY – II

Time: Three hours

Maximum: 75 marks

I. Write an essay on any ONE of the following: (1 x 20 = 20)

1. Give a detailed account on general properties, pathogenicity, lab diagnosis, treatment and prevention of Hepatitis A virus.
2. Describe the morphology, pathogenicity, laboratory diagnosis, treatment and prophylaxis of Rhabdo virus.

II. Write short notes on any TWO of the following: (2 x 10 = 20)

3. Write a brief notes on the clinical symptoms of viral haemorrhagic fever, its causative organisms.
4. Write a detailed note on opportunistic fungi.
5. Describe the lab diagnosis and pathogenesis of Leishamnia.
6. Give short notes on T. pidera mode of transmission and laboratory diagnosis.

III. Write short answers on any SEVEN of the following: (7 x 5 = 35)

7. Discuss the mode of infection and lab diagnosis of Sporotrichosis.
8. Write about the disease caused by Fasciola.
9. Write the clinical symptoms and lab diagnosis of Pox virus.
10. Write notes on Histoplasmosis and symptoms.
11. Discuss about the treatment and prophylaxis of Malaria.
12. Write the life cycle of Schistosoma.
13. Give a note on structure and properties of Astrovirus.
14. Write short notes on Corona virus its mode of transmission and diagnosis.
15. Write the life cycle of Hymenolepsis nana.
16. Write about the clinical symptoms caused by Epidermophyton and its diagnosis.