

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

B.Sc. (MEDICAL LAB TECHNOLOGY) DEGREE
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 HIV.
2. Describe the morphology, pathogenicity, laboratory diagnosis, treatment and prophylaxis of Polio 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 superficial mycoses.
5. Describe the lab diagnosis and pathogenesis of Leishmania.
6. Give a short note on T.nigra 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 Candidiasis.
8. Write the structure and life cycle of Trichomonas vaginalis.
9. Write the clinical symptoms and lab diagnosis of Fasciola.
10. Write notes on Mucor mycosis.
11. Discuss about the treatment and prophylaxis of Malaria.
12. Write the life cycle of E.histolytica.
13. Give a note on structure and properties of adenovirus.
14. Write short notes on Corona virus its mode of transmission and diagnosis.
15. Write the life cycle of T.saginata.
16. Write about the clinical symptoms caused by Trichophyton and its diagnosis.