

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

**MBBS DEGREE EXAMINATION – February 2020
SECOND YEAR**

MICROBIOLOGY – PAPER II

Time : Three hours

Maximum : 50 marks

**Answer ALL questions
Draw diagrams wherever necessary**

SECTION – A

I. Write essay on : (1 x 8 = 8)

1. Enumerate the parasites entering through the skin into the body. Write in detail the life cycle and laboratory diagnosis of strongyloides stercoralis.

II. Write short notes on : (4 x 3 = 12)

2. Dermatophytes
3. Hydatid cyst
4. Rhinosporidium
5. NIH swab

III. Answer briefly : (5 x 1 = 5)

6. Giardiasis
7. Occlut filariasis
8. Cutaneous larva migrans
9. Mycotoxins
10. Zygomycosis

SECTION – B

I. Write essay on : (1 x 8 = 8)

11. Classify different hepatitis viruses. Write clinical features, laboratory diagnosis and prophylaxis of Hepatitis B virus.

II. Write short notes on : (4 x 3 = 12)

12. Prophylaxis of rabies
13. Antigenic shift and antigenic drift
14. National immunization schedule
15. Biomedical waste management.

III. Answer briefly : (5 x 1 = 5)

16. Antiviral agents
17. Nosocomial infection
18. Kuru
19. Organism causing Urinary tract infections.
20. Highly active antiretroviral therapy (HAART).