

S. S. INSTITUTE OF MEDICAL SCIENCES & RESEARCH CENTRE.
NH-4, By Pass Road. DAVANGERE

Department of Microbiology
M.B.B.S Second Phase Examination

Time: Three Hours
Marks

Max. Marks: 100

Microbiology -PAPER II

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS

2 x 10 = 20 Marks

1. What are cestodes. Describe the life cycle, pathogenesis and laboratory diagnosis of Taenia solium.
2. Write in details about the antigenic variations, pathogenesis and laboratory diagnosis of Influenza virus.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Mycotoxins
4. Candida albicans
5. List the bacterial pathogens causing Pneumonia and write its laboratory diagnosis
6. List the pathogens causing Diarrhoea and write the pathogenesis of diarrhoea caused by Vibrio cholerae.
7. Viral replication
8. Genital herpes
9. Diploid cell culture
10. Stool examination for amoebiasis
11. Chagas disease
12. Laboratory diagnosis of Hydatid cyst

SHORT ANSWERS

10 x 3 = 30 Marks

13. Tzanck cell
14. Infections caused by Epstein-Bar virus
15. Opportunistic parasitic infections in HIV
16. Laboratory diagnosis of adenovirus
17. Cowdry bodies
18. Kaposi sarcoma
19. Four viruses infecting CNS
20. Gamma Interferon
21. Hetrazan provocative test
22. Sub-cutaneous nodules in Onchocerca volvulus
