

**Time: Three Hours****Max. Marks: 100 Marks****MICROBIOLOGY - PAPER II (RS3)****QP CODE: 1084**

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

LONG ESSAYS**2 x 10 = 20 Marks**

1. Enumerate Hepatitis causing viruses. Describe the morphology, pathogenesis and laboratory diagnosis of Hepatitis B virus.
2. Describe the morphology, life cycle, pathogenesis and laboratory diagnosis of echinococcus granulosus.

SHORT ESSAYS**10 x 5 = 50 Marks**

3. Candidiasis
4. Extra intestinal Amoebiasis
5. Laboratory diagnosis of HIV infection
6. Cultivation of Viruses
7. Larva migrans
8. Madura foot
9. Occult Filariasis
10. Life cycle of plasmodium in man
11. Slow virus diseases
12. Rhinosporidiosis

SHORT ANSWERS**10 x 3 = 30 Marks**

13. Trichomonas vaginalis
14. Germ tube test
15. Enumerate dimorphic fungi.
16. Parasitic diagnosis of kala azar
17. NIH swab
18. Enumerate anaemia causing parasites.
19. Cryptosporidium parvum
20. Enumerate lesions caused by Epstein Barr virus.
21. Antigenic shift and Antigenic drift
22. Draw a neatly labelled diagram of Rabies virus.
