

**Time: Three Hours****Max. Marks: 100 Marks****MICROBIOLOGY -Paper -II
(RS2 & RS3 SCHEME)****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. Describe the life cycle, pathogenesis and laboratory diagnosis of *Entamoeba histolytica*.
(3+4+3)
2. Classify Picorna viruses. Describe the pathogenesis, laboratory diagnosis and prophylaxis of poliomyelitis. (2+3+3+2)

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

3. Nosocomial infections
4. Ebola virus
5. Cryptococcosis
6. Hepatitis B vaccines
7. Laboratory diagnosis of dermatophytosis
8. Viruses causing diarrhoea
9. Infectious mononucleosis
10. Laboratory diagnosis of vivax malaria
11. Stool concentration methods
12. Larva migrans

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

13. Kyasanur forest disease
14. Oncogenic viruses
15. Antigens of HIV
16. Laboratory diagnosis of measles
17. Molluscum contagiosum
18. Trichomoniasis
19. Casoni's test
20. Life cycle of *Enterobius vermicularis*
21. Antigenic shift and antigenic drift
22. *Cysticercus cellulosae*
