

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. Classify Human Herpes viruses. Describe pathogenesis and laboratory diagnosis of Herpes simplex virus. Name antiviral agents used in treatment of HSV infection.
2. Describe life cycle and laboratory diagnosis of plasmodium vivax.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Infections caused by Candida and laboratory diagnosis
4. Food poisoning
5. Nosocomial infections
6. Fungal infections of the external ear
7. Life cycle of Ascaris lumbricoides
8. Pathogenesis of lymphatic filariasis
9. Free living amoebae
10. Laboratory diagnosis of HIV infection
11. Pathogenesis of poliomyelitis
12. Measles virus

SHORT ANSWERS

10 x 3 = 30 Marks

13. Common cell lines used for viral cultivation
14. Laboratory diagnosis of Hepatitis A virus infection
15. Dengue hemorrhagic fever
16. Negri body
17. Teratogenic viruses
18. Laboratory diagnosis of amoebic liver abscess
19. List opportunistic parasitic infections
20. Cyclops
21. Life cycle of Enterobius vermicularis
22. Cutaneous larva migrans