

**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 structure, pathogenesis and laboratory diagnosis of Human Immunodeficiency virus.
2. Classify Filariasis. Describe pathogenesis and laboratory diagnosis of lymphatic filariasis.

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

3. Viral diarrhoea
4. Give brief account of dermatophytes
5. Rhinosporidiosis
6. Mycetoma
7. Food poisoning
8. Slow viral infections
9. Japanese B encephalitis
10. Cryptosporidiosis
11. Guinea worm disease
12. Stool examination for parasites

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

13. Cytopathic effect
14. Infections caused by Herpes simplex virus
15. Ebola virus diagnosis
16. Pathogenesis of Rabies
17. MMR vaccine
18. Laboratory diagnosis of Giardiasis
19. Xenodiagnosis
20. Laboratory diagnosis of extraintestinal amoebiasis
21. Enumerate parasites detected in peripheral smear
22. Life cycle of Trichuris trichiura
