

Time: 3 Hrs.

[Max. Marks: 100]

MICROBIOLOGY - PAPER II (Revised Scheme)**QP Code: 1059**

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

LONG ESSAY**2 X 9 = 18 Marks**

1. Enumerate cestodes of human importance. Describe the life cycle, pathogenicity and laboratory diagnosis of Hydatid Worm
2. Enumerate important ARBO viruses. Write on epidemiology and pathogenesis and lab. Diagnosis of Japanese B encephalitis virus

SHORT ESSAY**10 X 5 = 50 Marks**

3. Draw a labeled diagram of embryonated egg. Name the viruses grown by the available routes
4. Discuss the role of non-specific immunological responses in viral infections
5. Immunoprophylaxis of rabies
6. Laboratory diagnosis of polio
7. Cryptococcus Neoformans
8. Rhinosporidiosis
9. Opportunistic fungi
10. Laboratory diagnosis of Toxoplasmosis
11. Enterobius vermicularis
12. Explain life cycle of Strongyloides stercoralis

SHORT ANSWERS**16 X 2 = 32 Marks**

13. Enumerate four viruses causing meningitis
14. Enumerate four live viral vaccines
15. Mention immunization schedule for Human Diploid Cell culture vaccine for rabies
16. Name four anti viral drugs
17. Explain the importance of p24 antigen detection
18. Name two vaccine preventable hepatitis viruses
19. Enumerate four fungi showing dimorphism
20. Enumerate four fungi strongly associated with AIDS
21. Draw a labeled diagram of Rhizopus
22. Name three vectors transmitting protozoal disease
23. Mention the skin appendage NOT affected by microsporum and Epidermophyton
24. Draw a labeled diagram of Entamoeba histolytica vegetative form
25. Mention two important parasites causing anaemia
26. Name two parasites for which man behaves as an intermediate host
27. Name a parasite transmitted by EACH: Cat, Dog, Pig, Cow
28. Draw the diagram of Hookworm ova

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