



Time: 3 Hrs.

[Max. Marks: 100]

MICROBIOLOGY - PAPER II (Revised Scheme II)**QP Code: 1084**

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

LONG ESSAY**2 X 10 = 20 Marks**

1. Classify Herpes virus. Describe the pathogenesis laboratory diagnosis of herpes simplex virus
2. Enumerate somatic nematodes. Describe morphology, pathogenicity and laboratory diagnosis of *dracunculus medinensis*

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

3. Microfilaria
4. Rhabditiform larva and filariform larva
5. Superficial mycotic infections
6. *Cryptococcus neoformans*
7. Cultivation of viruses
8. Nosocomial infections
9. Markers of viral hepatitis B
10. Negri bodies
11. Antigenic variations in influenza virus
12. Pulse polio programme

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

13. Viral hemagglutination
14. Interferons
15. Killed viral vaccines
16. Phage typing
17. Saturated salt floatation technique
18. Microsporidia
19. Laboratory diagnosis of *enterobius vermicularis*
20. Differences between *wuchereria bancrofti* and *brugia malayi*
21. Morphology of *Echinococcus granulosus*
22. Miracidium

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