



Time: 3 Hrs.

[Max. Marks: 90]

**MICROBIOLOGY (Old Scheme)**

**QP Code: 1007**

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

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Enumerate the organisms causing Hepatitis & discuss the laboratory diagnosis of acute Hepatitis B Virus (HBV) infection.
2. Discuss the differences between Innate immunity and Acquired immunity. Describe the different types of acquired immunity

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Classify Atypical mycobacteria with an example for each.
4. Diphyllbothrium latum
5. Bacteriophage
6. Food poisoning
7. Dermatophytes
8. Microfilaria
9. Neutralization
10. Hot air oven
11. Plasmids
12. Louis Pasteur

**SHORT ANSWERS**

**10 X 2 = 20 Marks**

13. Paul-Bunnell test
14. Toxoid
15. Name four parasites causing anaemia
16. M Fadyen's reaction
17. Transport media
18. Cytopathic effect
19. Casoni's test
20. Local immunity
21. Satellitism
22. Candida albicans

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