



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 organisms causing Gastroenteritis. Discuss pathogenesis and laboratory diagnosis of cholera
2. Classify Herpes Viridae. Describe pathogenesis, laboratory diagnosis of Herpes simplex infections

SHORT ESSAY

10 X 5 = 50 Marks

3. Mycotoxins
4. Clostridium Botulinum
5. Mantoux test
6. Helico bacter pylori
7. Enteropathogenic Escherichia coli
8. Plasmids
9. Passive immunity
10. Louis Pasteur
11. Weil-felix test
12. Fasciola hepatica

SHORT ANSWERS

10 X 2 = 20 Marks

13. Name two bacteria causing Typhus fever
14. Two parasitic infections where man is intermediate host
15. Name two catalase positive bacteria
16. Mention two differences between Staphylococcus Aureus and Epidermidis
17. Name two anigen presenting cells
18. Four toxins produced by staphylococci
19. Name two auto immune diseases
20. Enumerate the routes of transmission of HIV infection
21. Name two fungi causing subcutaneous infection
22. Enumerate agents causing Botryomycosis

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