



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. Describe morphology of human immuno deficiency virus. Outline pathogenesis, laboratory diagnosis of AIDS
2. Classify Clostridia. Describe pathogenesis, laboratory diagnosis and prophylaxis of Tetanus

SHORT ESSAY

10 X 5 = 50 Marks

3. Aspergillosis
4. Serological tests for syphilis
5. Cysticercus cellulosae
6. Immunofluorescence
7. Monoclonal antibodies
8. Differential media
9. Pasteurization
10. Coxiella Burnetii
11. Bacterial vaginosis
12. Oral polio vaccine

SHORT ANSWERS

10 X 2 = 20 Marks

13. Mention two differences between Anthrax and Anthracoid Bacilli
14. Name two non-bile stained eggs
15. Oxidase test
16. Species of Chlamydia
17. Name two capsulated bacteria
18. Casoni's test
19. Name two Aetiological factors of Non Gonococcal Urethritis
20. Name four viruses causing haemorrhagic fever
21. Antigenic drift
22. Reynolds – Braude phenomenon

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