



Time: Three Hours

Max. Marks: 80 Marks

MICROBIOLOGY

QP Code: 2509

Your answers should be specific to the questions asked.

Draw neat, **labeled diagrams wherever necessary.**

LONG ESSAY

2 X 10 = 20 Marks

1. Define immunity, classify immunity and write detail innate immunity.
2. Morphology, culture and pathogenesis of Salmonella typhi and laboratory diagnosis of typhoid fever.

SHORT ESSAY

8 X 5 = 40 Marks

3. Louis Pasteur
4. Bacteriophage
5. Laboratory diagnosis of staphylococci
6. Bacterial growth curve
7. Precipitation test
8. Transformation
9. Candida albicans
10. Dengue fever

SHORT ANSWERS

10 X 2 = 20 Marks

11. Factors favoring an antigenicity
12. Herd immunity
13. Super antigen
14. Cryptococcus neoformans
15. Four general characters of viruses
16. Adjuvants
17. Name four bacteria causing food poisoning.
18. Name two viral vaccine.
19. Draw a neat labeled diagram of ova of Ascaris lumbricoides
20. MMR

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