

Time: 3 Hrs.

[Max. Marks: 100]

MICROBIOLOGY - PAPER I (Revised Scheme II)

QP Code: 1083

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

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

1. Discuss in detail the pathogenesis & lab diagnosis of enteric fever. Add a note on antigenic variation in salmonella
2. Classify hypersensitivity with examples. Describe type I hypersensitivity

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

3. Compare exotoxins & endotoxins
4. Types of bacteriological media
5. Fluorescent microscope
6. Flagella
7. Characters of pathogenic staphylococci
8. Lab diagnosis of gonorrhea
9. Prophylaxis of tetanus
10. Rapid plasma reagin test
11. Relapsing fever
12. Nocardia

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

13. Passive acquired immunity
14. Immunoglobulin M
15. Weil - felix reaction
16. Activation of alternate complement pathway
17. Antigen presenting cells
18. LE cell phenomenon
19. Mechanism of allograft rejection
20. Tetanospasmin
21. Mantoux test
22. Satellitism

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