

Time: Three Hours

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Max. Marks: 75 Marks

MICROBIOLOGY (RS - 3)

Q.P. CODE: 1759

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

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Describe the pathogenicity and laboratory diagnosis of infection caused by salmonella typhi
2. What is Amoebiasis? Discuss the pathogenicity, laboratory diagnosis of Amoebiasis and its prevention
3. Define sterilization and disinfection. Discuss applications of various disinfectants in clinical practices

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. ELISA and its uses
5. Paralytic poliomyelitis – clinical features and prevention
6. Different sources of infections
7. Bacterial capsule- chemical composition and functions
8. Rabies vaccines
9. Ascaris lumbricoides – life cycle, clinical features and treatment
10. Laboratory diagnosis of Diphtheria
11. Negative staining – principle and procedure
12. Stool examination for parasitic ova and cyst

SHORT ANSWERS

10 x 2 = 20 Marks

13. Write any two RNA viruses
14. Diagram of IgG
15. Name the types of hypersensitivity.
16. Name any two tape worms
17. Four phases of Bacterial growth curve
18. What are Interferons
19. Name the dermatophytes
20. Name two zoonotic diseases
21. Name any two bacterial vaccines
22. Define Antisepsis
