



MICROBIOLOGY

QP Code: 2533

(QP contains two pages)

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

Section - A

Multiple Choice Questions

10 X 1 = 10 Marks

1. Schick test is used in
 - a) Meningitis
 - b) Typhoid
 - c) Diphtheria
 - d) Leprosy
2. Travellers diarrhoea is caused by
 - a) E. coli
 - b) Shigella
 - c) Salmonella
 - d) Klebsiella
3. WIDAL test is used for diagnosis of
 - a) Anthrax
 - b) Leprosy
 - c) Gonorrhea
 - d) Typhoid
4. B-lymphocytes are responsible for
 - a) Cellular immunity
 - b) Humoral immunity
 - c) Innate immunity
 - d) None of the above
5. Haptens are
 - a) Toxins
 - b) Incomplete antigen
 - c) Complete antigen
 - d) None of the above
6. Adoptive immunity is by
 - a) Infection
 - b) Injection of antibodies
 - c) Injection of lymphocytes
 - d) Immunization
7. Atopy is mediated
 - a) Ig M
 - b) Ig E
 - c) Ig G
 - d) None of the above
8. Lowstein – Jensen medium is used for cultivation for
 - a) M. tuberculosis
 - b) B. anthracis
 - c) CI. Tetani
 - d) H. influenzae
9. Negri bodies are seen
 - a) CMV
 - b) Measles
 - c) Rabies
 - d) Polio
10. Oral thrush is a condition of
 - a) Thrichophyton
 - b) Candida
 - c) Toxoplasma
 - d) None of the above



Section B

LONG ESSAYS (Answer any two)

2 X 10 = 20 Marks

11. Define sterilization and classify and add note on autoclave.
12. Morphology, culture and pathogenesis of Staphylococci aureus and laboratory diagnosis of Staphylococci aureus.
13. Define antigen-antibody reactions, enumerate antigen-antibody reactions. Explain agglutination reaction.

SHORT ESSAYS (Answer any ten)

10 X 5 = 50 Marks

14. Wucheria bancrofti
15. Bacterial growth curve
16. Bacterial spore
17. ELISA
18. Dermatophytes
19. Laboratory diagnosis of Hepatitis B
20. Central and peripheral lymphoid organs
21. Louis Pasteur
22. Innate immunity
23. Chemical disinfectant
24. Malaria
25. Conjugation

* * * * *