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VI Semester B.Sc. Degree Examination, September - 2021

MICROBIOLOGY

Immunology and Medical Microbiology

(CBCS Scheme)

Paper : VII

Time : 3 Hours

Maximum Marks : 70

Instructions to Candidates:

1. Answer **all** sections.
2. Draw **diagrams** wherever necessary.

SECTION - A

I. Answer the following.

(5×2=10)

1. Immunological memory.
2. Syphilis.
3. Monoclonal Antibodies.
4. APC.
5. Amoebiasis.

SECTION - B

II. Answer any **Four** of the following.

(4×5=20)

6. Discuss briefly cell - mediated immunity.
7. Explain briefly the pathogenicity symptoms, diagnosis and treatment of Tetanus.
8. Write the differences between passive and acquired immunity.
9. Explain the properties of Antigens.
10. Briefly explain the pathogenicity, Symptoms, diagnosis and treatment of cholera.

SECTION - C

III. Answer any **Three** of the following.

(3×10=30)

11. Explain the morphology, culture and biochemical characters, symptoms, diagnosis and treatment of Diphtheria.
12. Discuss the different types of Antigen - Antibody Reactions.

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13. Discuss the factors responsible for pathogenicity.
14. Explain the structure, pathogenicity, symptoms, diagnosis and treatment of AIDS.
15. Write the structure of Antibody. Add a note on its types.

SECTION - D**IV. Answer in One sentence.****(10×1=10)**

16. Pyrogen.
17. Cytokines.
18. Toxoid.
19. Natural killer cells.
20. Amphotericin - B.
21. Spleen.
22. DNA vaccines.
23. BCG
24. Pandemic.
25. Sporozoite.

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