

C 40506

(Pages : 2)

Name.....

Reg. No.....

SIXTH SEMESTER U.G. DEGREE EXAMINATION, MARCH 2023

(CBCSS-UG)

Biotechnology

BTY 6B 17—MEDICAL BIOTECHNOLOGY

(2019 Admission onwards)

Time : Two Hours

Maximum : 60 Marks

Section A (Short Answer Type Question)*Answer any ten questions.**Each question carries 2 marks.*

1. Classes of immunoglobulin.
2. Primary lymphoid organs.
3. Tyndallisation.
4. Different phases of bacterial growth.
5. ELISA.
6. Beta hemolytic streptococci.
7. Scarlet fever.
8. Toxic shock syndrome.
9. Characteristics of *Vibrio cholerae*.
10. *Clostridium difficile*.
11. Herpes virus.
12. IgM.

(Ceiling 20 marks)

Section B (Paragraph Type Questions)*Answer any six out of seven questions.**Each question carries 5 marks.*

13. Describe the pathogenicity and control of shigellosis.
14. Brief account on pneumococcal infections.
15. What is Botulism ? Explain the pathogenesis of Botulism.

Turn over

16. Briefly describe causative agents of acute diarrheal disease.
17. Give brief account on nosocomial diseases.
18. Explain the structure of immunoglobulin.
19. Explain the general properties of viruses.

(Ceiling

Section C (Essay Type Questions)

Answer any one question.

The question carries 10 marks.

20. What are general features of Enterobacteriaceae? Discuss clinical significance of *Escherichia coli*, *Klebsiella* and *Proteus*.
21. Explain different Physical and Chemical Sterilization methods.

(1 × 10 =