



24026874

QP CODE: 24026874

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE
EXAMINATIONS, OCTOBER 2024**

Third Semester

B.Sc Biotechnology Model III

CORE COURSE - BT3CRT06 - BASIC IMMUNOLOGY

2017 Admission Onwards

06D27024

Time: 3 Hours

Max. Marks : 60

core

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. What is variolation?
2. What are the different types of Immunity?
3. Give examples for adjuvants.
4. What are immune organs?
5. What is cell mediated immunity?
6. Major types of hypersensitivity reactions.
7. What is affinity?
8. What is precipitins?
9. What is autograft?
10. Immunological surveillance.
11. BCG.
12. HAT medium.

(10×1=10)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Explain about characteristics of adaptive immunity.
14. Action of IgD.
15. Give structure of lymph nodes and its importance in providing immunity.
16. Briefly explain types of MHC.
17. What is IDDM ? Explain about it.
18. Write about agglutination reactions.
19. Immunocytochemistry.
20. What is Bombay group?
21. What are the types of immunization?

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Explain about innate immunity and its anatomic, physiological barriers.
23. Comment on cells involved in immunity with help of pictures.
24. Explain different pathways of complement fixation.
25. Give an account of polyclonal and monoclonal antibodies.

(2×10=20)

