



K23U 1135

Reg. No. : .....

Name : .....

**IV Semester B.Sc. Degree (CBCSS – OBE – Regular/Supplementary/  
Improvement) Examination, April 2023  
(2019 Admission Onwards)  
CORE COURSE IN MICROBIOLOGY  
4B05MCB : Basic Immunology**

Time : 3 Hours

Max. Marks : 40

**PART – A**

Answer **all** questions. **Each** question carries **1** mark.

**(1×6=6)**

1. Mast Cells.
2. Allergen.
3. Immunogenicity.
4. Natural passive immunity.
5. Titre.
6. Inflammation.

**PART – B**

Answer **any 6** questions. **Each** question carries **2** marks.

**(2×6=12)**

7. Spleen.
8. GALT.
9. Monoclonal antibodies.
10. Super antigens.
11. Weil-Felix test.
12. ABO Blood groups.
13. Passive agglutination.
14. Allograft.

P.T.O.



PART – C

Answer **any 4** questions. **Each** question carries **3** marks.

**(3×4=12)**

15. Western blotting.
16. Hybridoma technology.
17. Type IV hypersensitivity.
18. Primary lymphoid organs.
19. ELISA.
20. Phagocytosis.

PART – D

Answer **any 2** questions. **Each** question carries **5** marks.

**(5×2=10)**

21. Innate and acquired immunity.
22. Structure and functions of immunoglobulins.
23. Autoimmune diseases.
24. Antigen-Antibody interactions.

