

Model Question paper

B.Sc. Degree (CBCS) EXAMINATIONS
Second Semester

Core Course III – IMMUNOLOGY- MB2CRT03

(for B. Sc. Microbiology)

Time: 3 Hours

Maximum marks : 80

PART A

Answer any TEN questions

Each question carries 2 marks

1. GALT
2. Natural Killer cells
3. Mediators of inflammatory response
4. Toxoid vaccines
5. Superantigens
6. Immunofluorescence
7. Plasma cells
8. Blood grouping tests
9. Prozone phenomenon
10. Tumor antigens
11. Mention any four functions of complement system.
12. Allograft

(10x2=20)

PART B

Answer any SIX questions

Each question carries 5 marks

13. Role of thymus in immunity
14. Herd Immunity
15. Complement fixation test
16. Widal test
17. Antigen presentation
18. ADCC
19. Hybridoma Technology
20. Grave's Diseases
21. Graft vs Host reactions

(6x5=30)

PART C

Answer any TWO questions

Each question carries 15 marks

22. Give a brief account of the secondary immune organs/tissues in human body.
23. Describe about antigen recognition and processing. Highlight the role of MHC
24. Describe the basic structure and function of different classes of immunoglobulins.
25. Explain different classes of hypersensitivity reactions

(2x15=30)