

Register Number:

Name of the Candidate:

M.Sc. DEGREE EXAMINATION, May 2015

(ZOOLOGY)

(SECOND YEAR)

220: IMMUNOLOGY

Time: Three hours

Maximum: 100 marks

SECTION-A

(10× 2= 20)

Answer any TEN questions

Comment on:

1. Louis Pasteur
2. Immunity
3. Acute Phase Proteins
4. Complement
5. Adjuvants
6. Immunogenicity
7. Antiseptic paint
8. Opsonisation
9. Haemagglutination
10. ELISA
11. C-reactive protein
12. Mitogens

SECTION-B

(4× 10 = 40)

Answer any FOUR questions

13. Give an account on functions of MHC.
14. What are the biochemical factors involved in the immunity?
15. Write a note on vaccines
16. Explain the structure and functions of thymus.
17. What are the salient features of antigen antibody reactions?
18. Define immunization. Explain the types of it.
19. Explain the general functions of immunoglobulin's
20. Explain ELISA in detail.

SECTION-C

(2× 20 = 40)

Answer any TWO questions

21. Describe the innate immunity in detail.
 22. Explain the secondary lymphoid organs
 23. Give a detailed account on the types of antigen antibody reactions.
 24. Describe the antibody diversity.
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