

M.Sc. DEGREE EXAMINATIONS - MARCH 2016
IV SEMESTER

Zoology
PAPER IV – IMMUNOLOGY

Time: 3 Hours

Max. Marks: 75

(No additional sheet will be supplied)

PART - A (5 x 3 = 15 marks)

Answer any FIVE Questions

Each question carries 3 marks

Each answer should not exceed 1 page

1. T - lymphocytes
2. Antigen
3. Major histocompatibility complex (MHC)
4. Phagocytosis
5. Agglutination reactions
6. Tolerance
7. Immune disorders
8. Rheumatoid arthritis

PART – B (4 x 15 = 60)
Answer ALL questions
Each question carries 15 marks
Each answer should not exceed 6 pages

9. Give a detailed account on acquired immunity.
(Or)
10. Discuss about the primary and secondary lymphoid organs.
(Or)
11. Explain the structure of immunoglobulin. Add a note on types of immunoglobulins.
(Or)
12. Give an account on cell mediated immunity.
(Or)
13. What is hypersensitivity? Discuss the types of hypersensitive reactions.
(Or)
14. Explain the mechanisms involved in transplantation of kidney and bone marrow.
(Or)
15. Give an account on structure and life cycle of HIV and add a note on symptoms of AIDS.
(Or)
16. Discuss active and passive immunization.

