



Code No. : **9259**

FACULTY OF SCIENCE
M.Sc. II Semester Examination, May/June 2012
MICROBIOLOGY (Paper – II)
Immunology

Time: 3 Hours]

[Max. Marks : 80

- Note:** 1) Answer *all* questions.
2) Section **A** questions carry 4 marks and Section **B** question carry 12 marks.

SECTION – A

(8×4=32 Marks)

(Short Answer Type)

1. Haptens.
2. Immune memory.
3. Interferon.
4. Subunit vaccines.
5. HL Antigens.
6. Macrophage restriction.
7. Complement fixation.
8. Adjuvants.

SECTION – B

(4×12=48 Marks)

(Essay Type)

9. a) What are antibodies ? Describe about various types of antibodies.

OR

- b) Write an account on Immune System.



10. a) Clearly explain about various types of immunity.

OR

b) Describe about important viral vaccines.

11. a) Explain the structure of MH complex.

OR

b) Describe the genetic control of immune response.

12. a) Explain the role of immune response in protection against infection.

OR

b) Clearly explain immune diagnosis of cancer with a note on immune therapy of cancer.
