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Code No. 8644

FACULTY OF SCIENCE
M. Sc. II – Semester Examination, May / June 2016

Subject : Microbiology

Paper – II : Immunology

Time : 3 Hours

Max. Marks: 80

Note : Answer all questions from Part–A and Part–B. Each question carries 4 marks in Part–A and 12 marks in Part – B.

PART – A (8 x 4 = 32 Marks)
(Short Answer Type)

- 1 Isoantigens
- 2 B-cell clonal selection
- 3 DNA vaccines
- 4 Acquired tolerance
- 5 Anaphylaxis
- 6 Macrophage restriction
- 7 Adjuvants
- 8 Tumor antigens

PART – B (4 x 12 = 48 Marks)
(Essay Answer Type)

- 9 (a) Write an essay on antibodies structure their classes and subclasses.
OR
(b) Give an account on B-cell interactions.
- 10 (a) Give a concise account on whole cell vaccines.
OR
(b) Explain in detail about interferons properties, production and assay.
- 11 (a) Describe the structure of the major histocompatibility complex.
OR
(b) Discuss the genetics of 'Tissue transplantation'.
- 12 (a) List the Ag-Ab interactions.
OR
(b) Give an account on immundiagnosis of cancer.
