

2012
B.A./B.Sc. (General) Third Semester
Microbiology
MIC-302: Introductory Immunology – I

Time allowed: 3 Hours

Max. Marks: 33

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit.

x-x-x

I. Explain briefly:-

- a) Non specific defences
- b) Suppressor T cells
- c) Normal flora
- d) Passive immunity
- e) Mast cells
- f) Immuno electrophoresis

(6x1½)

UNIT – I

- II. Describe the sequence of events which occur as a part of inflammatory response. (6)
- III. What do you understand by immunological memory? Describe in detail. (6)

UNIT – II

- IV. Explain the basic structure of immunoglobulin. Also draw diagram. (6)
- V. Describe immunoglobulin G in detail along with its classes. (6)

UNIT – III

- VI. Give detailed account of NK cell mediated cytotoxicity. (6)
- VII. Give an account of helper T cells. Also explain the interaction between T and B lymphocytes. (6)

UNIT – IV

- VIII. a) Explain the principles and procedure of radial immunodiffusion.
b) What do you understand by Antigen Antibody interactions? (2x3)
- IX. Explain complement fixation test along with the interpretation of results. (6)

x-x-x