AD-3289
Third Year B. Sc. (Sem. VI) (Med. Tech.) Examination
March/April – 2015
MT-18 : Immunology

Time : Hours [Total Marks : 50]

Instruction : (1)

(2) Draw labelled diagram whenever needed.
(3) Figures to the right indicate full marks of the question.

1 Answer the following : 10

(1) What is the role of MHC in Immune system?
(2) Give an account on thymus.
(3) What are bispecific and chimeric antibodies?
(4) What are NK cells? Give their functions?
(5) List out the various type of hypersensitive Reactions.

2 Answer any two of the following : 14

(1) Explain the structure and function of lymph node in defense mechanism.
(2) Describe the mechanism of "Auto immune Hemolytic anaemia".
(3) Explain the process of B-cell Maturation, activation and differentiation.
3 Write an essay on:

(1) 'Monoclonal antibody - Production and its applications'.

OR

(1) Immediate hypersensitivity reactions.

4 Write short notes on any two of the following:

(1) Complement fixation test.
(2) Cytokines
(3) Classification of antigens.