



AD-3289

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

Time : Hours]

[Total Marks : 50

Instruction : (1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
THIRD YEAR B. SC. (SEM. VI) (MED. TECH.)	<input type="text"/>
Name of the Subject :	<input type="text"/>
MT-18 : IMMUNOLOGY	<input type="text"/>
Subject Code No. : <input type="text"/> 3 <input type="text"/> 2 <input type="text"/> 8 <input type="text"/> 9	Section No. (1, 2,.....): <input type="text"/> Nil
Student's Signature	

- (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 : **12**

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

OR

(1) Immediate hypersensitivity reactions.

4 Write short notes on any two of the following: **14**

(1) Complement fixation test.

(2) Cytokines

(3) Classification of antigens.
