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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(BT) (2013 to 2017) (Sem.-3)

IMMUNOLOGY-I

Subject Code : BSBT-205

M.Code : 47037

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students has to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students has to attempt any **TWO** questions.

SECTION-A

Q1) Answer briefly :

- a) Nonspecific Immunity
- b) Null cells
- c) Primary lymphoid organs
- d) T-independent Antigens
- e) IgM immunoglobulin
- f) Epitope
- g) Antibody Affinity
- h) Humoral Immunity
- i) Lymphatic System
- j) MHC Class I

SECTION-B

- Q2) Discuss the salient features of specific immune responses.
- Q3) Draw the structure and discuss the function of Lymph nodes.
- Q4) Describe the Antigen recognition by T cells.
- Q5) Discuss the basis of Antigen -Antibody reactions. Give one example of such reaction.
- Q6) Describe the structure and function of Antigen.

SECTION-C

- Q7) What is cell mediated immunity? Describe its mechanism of action with examples.
- Q8) Describe the structure and biological functions of IgG immunoglobulin.
- Q9) Write notes on the following :
 - a) B lymphocytes
 - b) Complement Cascade

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.