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Total No. of Questions : 09

B.Sc.(BT) (2014 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

1) Answer briefly :

- a) Null cells
- b) Polymorphs
- c) Affinity
- d) Naïve cells
- e) Complement pathway
- f) Bursa of Fabricius
- g) Innate Immune system
- h) Spleen
- i) CDR
- j) Heavy Chain

SECTION-B

2. Elaborate on the features of the immune response.
3. Explain the process of B Cell Maturation.
4. Discuss lymphocyte trafficking.
5. How are antigens recognized by T cells?
6. Write a note on the heterogeneity of the lymphoid cells.

SECTION-C

7. Write a note on the molecular mechanism of generation of antibody.
8. Discuss the functions of the Antibody.
9. Explain the lymphatic system and its functions.

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.