

Total No. of Questions : 09

IMMUNOLOGY-II

Subject Code : BSBT-202

M.Code : 47047

Time : 3 Hrs.

Max. Marks : 60

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 have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

Q1) Answer briefly :

- a) Type I Hypersensitivity reactions
- b) Immunodeficiency
- c) Oral Vaccines
- d) Immune Tolerance
- e) Passive Immunization
- f) Immune Suppression
- g) Tumor associated Antigens
- h) Cell mediated Immunity
- i) Transplantation Antigens
- j) Infection

SECTION-B

- Q2) Write a note on Peripheral tolerance.
- Q3) Describe the antigen processing and presentation pathway of intracellular antigens.
- Q4) Discuss the major problems associated with graft rejections.
- Q5) Describe the activation of T helper lymphocytes.
- Q6) Write a note on congenital immunodeficiency.

SECTION-C

- Q7) Describe the various factors contributing to autoimmunity.
- Q8) Describe the immunology of HIV infection, preventive and treatment measures.
- Q9) What are vaccines? Discuss various types with examples.

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.