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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (BT) (Sem.-3)
IMMUNOLOGY
Subject Code : BSBT-302-18
M.Code : 76609
Date of Examination : 19-12-22

Time : 3 Hrs.

Max. Marks : 60

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

SECTION-A

1. Write briefly :

- a) Neutrophils
- b) Polymorphs
- c) Peptide binding pocket in MHCII
- d) Complement fixing antibody
- e) Humoral immunity
- f) IgG subclasses.
- g) Secondary immune response
- h) Activated B cells
- i) Low affinity antibody
- j) Bursa of Fabricus.

SECTION-B

2. Discuss the role and Significance of lymph node.
3. Differentiate between the T dependent and T independent antigens.
4. Write a note on the structure of MHC I.
5. Explain the structure of T cell receptor.
6. Write a note on granulocytic cells of the immune system.

SECTION-C

7. Write a note on molecular mechanisms for generation of antibody diversity.
8. Discuss any primary lymphoid organ with labeled diagram.
9. Explain the structure of antibody molecule.

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.