

B.Sc. (CBCS Pattern) Semester-VI
USCZOT13 - Core Paper-XIII - Zoology Paper-I : Immunology

P. Pages : 1

Time : Three Hours



GUG/S/25/13369

Max. Marks : 50

- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw a well labeled diagrams wherever necessary.

1. Give an account on different components of innate immunity. 10

OR

- a) Types of T cells.
- b) Humoral immunity.

2. Explain in detail Primary lymphoid organs. 10

OR

- a) MALT
- b) Antigen antibody interaction

3. Give an account on basic properties of antigens. 10

OR

- a) Structure of immunoglobulin.
- b) Antigenic determinant.

4. Describe autoimmunity with example. 10

OR

- a) MHC-I
- b) Live & killed Vaccines

5. Write 3-4 lines on **any ten**. 10

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|------------------|-------------------|
| i) Monocytes | ii) Inflammation |
| iii) Lymphocytes | iv) Plasma cells |
| v) Bone marrow | vi) Neutrophils |
| vii) IgM | viii) Light chain |
| ix) Epitope | x) CD8 cells |
| xi) APC | xii) Toxoids |
