

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

P. Pages : 1

Time : Three Hours



GUG/W/22/13369

Max. Marks : 50

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- Notes : 1. All questions are compulsory.
2. All questions carry equal marks.
3. Illustrate your answer with suitable diagrams.

1. Give an account on Adaptive Immunity. 10
- OR**
- a) Anatomical barriers of infection. 5
b) Mechanism of Inflammation. 5
2. Write in detail about Haematopoiesis. 10
- OR**
- a) Thymus. 5
b) Lymph node. 5
3. Write an essay on structure & classes of antibodies. 10
- OR**
- a) T-cell epitopes. 5
b) Monoclonal antibodies. 5
4. Give detail account on vaccines. 10
- OR**
- a) MHC I. 5
b) Type-I Diabetes mellitus. 5
5. Write on four to five lines **any ten**. 10
- i) NK-cell.
ii) Macrophages.
iii) CTL
iv) Bone marrow.
v) Payer's patches.
vi) Tensil
vii) Hapten
viii) Antigen
ix) Plasma cells
x) Psoriasis
xi) SLE
xii) Toxoid
