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K22P 0205

Reg. No. :

Name :

II Semester M.Sc. Degree (C.B.S.S. – Reg./Supple./Imp.)

Examination, April 2022

(2018 Admission Onwards)

ZOOLOGY

ZOO2C08 : Immunology

Time : 3 Hours

Max. Marks : 60

I. Answer any two of the following : (2×12=24)

- 1) Describe the major features of the immune system. Add a note on the cells and organs of the immune system.
- 2) Explain the various theories of antibody diversity.
- 3) Comment on the complement system and its activation. Add a note on the functions of the complement.
- 4) What is Hybridoma technology ? Comment on its applications.

II. Answer any two of the following : (2×8=16)

- 5) Antigen-Antibody interactions.
- 6) Antigen processing and presentation by MHC.
- 7) Autoimmune diseases.
- 8) Recent trends in transplantation.

III. Answer any four of the following : (4×5=20)

- 9) ELISA.
 - 10) Epitopes and Haptens.
 - 11) DNA Vaccines.
 - 12) Immuno-electrophoresis.
 - 13) Tumour Markers.
 - 14) Hypersensitivity.
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