



K24P 0880

Reg. No. :

Name :

**Second Semester M.Sc. Degree (CBSS – Supple. (One Time Mercy
Chance)/Imp.) Examination, April 2024
(2014 to 2022 Admissions)
ZOOLOGY
ZOO2C08 : Immunology**

Time : 3 Hours

Max. Marks : 60

I. Answer **any two** of the following :

- 1) Describe the basic structure of an antibody. Write notes on different classes of immunoglobulin.
- 2) What is hypersensitivity ? Explain different types of hypersensitivity reactions.
- 3) Give an account of the various types of cells involved in the immune response.
- 4) Describe the structures of class I and class II MHC molecules. Explain their role in antigen presentation. **(2×12=24)**

II. Answer **any two** of the following :

- 5) Briefly explain different types of tissue rejection. Add a note on immunosuppression.
- 6) Describe any four autoimmune diseases in man.
- 7) What is ELISA ? Write down its principle and procedure.
- 8) Briefly explain the structures of any of the four secondary lymphoid organs in man. **(2×8=16)**

III. Write briefly on **any four** of the following :

- 9) Complement system.
- 10) Inflammation.
- 11) RIA.
- 12) Cytokines.
- 13) Vaccination.
- 14) Thymus.

(4×5=20)