



K23P 0513

Reg. No. :

Name :

II Semester M.Sc. Degree (CBSS-Reg./Supple./Imp.)

Examination, April 2023

(2019 Admission Onwards)

ZOOLOGY

ZOO2C07 : Environmental Biology

Time : 3 Hours

Max. Marks : 60

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

- 1) Write an essay on the effect of antropogenic influence on various biogeochemical cycles.
- 2) Describe life tables and survivorship curves.
- 3) Write an essay on the major Global environmental issues.
- 4) Explain the ecology of coral reefs.

(2×12=24)

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

- 5) Explain the defense mechanisms in plants.
- 6) Give an account of various factors that lead to the loss of biodiversity.
- 7) Comment on solid waste management.
- 8) Give an account on inventorying and priority conservation area recognition.

(2×8=16)

III. Answer **any four** of the following :

- 9) Comment on ecological modelling.
- 10) Write notes on the ecological importance of genetically modified organisms.
- 11) Explain the concept of carrying capacity.
- 12) Write notes on Association index.
- 13) Explain metapopulation dynamics.
- 14) Explain bioremediation.

(4×5=20)