



K22P 0204

Reg. No. :

Name :

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

Examination, April 2022

(2018 Admission Onwards)

ZOOLOGY

ZOO2C07 : Environmental Biology

Time : 3 Hours

Max. Marks : 60

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

- 1) Give an account of tropical rainforests. Add a note on threats and management.
- 2) Explain life tables and survivorship curve types.
- 3) Define bioremediation. Discuss the different types of bioremediation with examples.
- 4) Describe plant – animal interactions. Add a note on co-evolution. (2×12=24)

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

- 5) Discuss consequences of human population growth.
- 6) Explain the various biodiversity indices.
- 7) Give an account of nitrogen cycle.
- 8) Write an essay on solid waste and pollution management. (2×8=16)

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

- 9) Write a note on Ramsar Convention.
- 10) Comment on r and k selection.
- 11) Explain evolution of predator-prey systems.
- 12) Describe restoration ecology.
- 13) Explain Sigmoid growth.
- 14) Comment on ecological modelling. (4×5=20)