

Ph.D Course work examination, July-2023

ZOOLOGY

Course-IV: 2. Environmental Biology and Biodiversity

Time: 3 hrs.

Max. marks: 70

Instruction to candidates:

1. *Answer all the questions (each carries 14 marks)*
2. *Draw diagrams wherever necessary.*

1. Explain the environmental management methods with special emphasis on water quality (14)

OR

Discuss the environmental problems at national and global levels

2. Give a detailed account of global environmental changes (14)

OR

Describe the environmental laws and EIA of development Schemes with some case studies.

3. Explain the agro-climatic regions of India. (14)

OR

Give detailed account of water balance parameters and their use in climatic classification.

4. Explain the origin and types of biodiversity and add a note on aquatic diversity. (14)

OR

a) Describe In-situ and Ex-situ conservation techniques.

b) Write a note on Biodiversity and food security

5. Explain in detail (14)

a) People biodiversity register

b) Intellectual Property Rights.

OR

Write note on Biodiversity and legal issues
