

25U220

(Pages: 2)

Name :

Reg. No :

SECOND SEMESTER UG DEGREE EXAMINATION, APRIL 2026

(FYUGP)

(Regular/Supplementary/Improvement)

CC24UZOO2CJ101 - ENVIRONMENTAL BIOLOGY AND ANIMAL BEHAVIOUR

(Zoology - Major Course)

(2024 Admission onwards)

Time: 2.0 Hours

Maximum: 70 Marks

Credit: 4

Part A (Short answer questions)

Answer *all* questions. Each question carries 3 marks.

1. Explain ecological efficiency. [Level:2] [CO1]
2. Explain the concept of biomass. [Level:2] [CO1]
3. Explain ecological niche. [Level:2] [CO1]
4. Discuss about trophic levels and trophic organization. [Level:2] [CO1]
5. Explain Chaparral biome. [Level:2] [CO2]
6. Explain adaptations of lentic animals. [Level:2] [CO2]
7. Explain the difference between positive and negative interactions. [Level:2] [CO3]
8. Explain E-Waste Management Rule, 2016 [Level:2] [CO3]
9. Discuss the advantages of social behaviour. [Level:2] [CO4]
10. Explain the difference between habituation and sensitization. [Level:2] [CO4]

(Ceiling: 24 Marks)

Part B (Paragraph questions/Problem)

Answer *all* questions. Each question carries 6 marks.

11. Discuss different kinds of ecosystem. [Level:2] [CO1]
12. Explain about oceanic and terrestrial carbon cycle. [Level:2] [CO1]
13. Explain the concept of habitat. [Level:2] [CO1]
14. Discuss the different types of forests. [Level:2] [CO2]

15. Explain the biotic divisions of the sea. [Level:2] [CO2]
16. Explain population growth curves and its types. [Level:2] [CO3]
17. Describe visual communication and its types. [Level:2] [CO4]
18. Describe a simple reflex and instinct. Give examples. [Level:2] [CO4]

(Ceiling: 36 Marks)

Part C (Essay questions)

Answer any **one** question. The question carries 10 marks.

19. Explain different characteristics of a community. [Level:2] [CO3]
20. Explain about Ethology as a science and discuss on J P Scotts categories of behaviour. [Level:2] [CO4]

(1 × 10 = 10 Marks)
