

23U619

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Name:

Reg.No:

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2026

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19UZOL6B12 - ENVIRONMENTAL AND CONSERVATION BIOLOGY

(Zoology - Core Course)

(2019 Admission onwards)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. What is biota?
2. What is food chain?
3. What are ecological pyramids?
4. What is metapopulation?
5. What are microcommunities?
6. What is intraspecific interaction?
7. What are the strategies of disaster management?
8. What is Radio-collaring method?
9. What is Rio-declaration, 1972?
10. What is the significance of western ghats hotspot?
11. Distinguish between keystone species and flagship species.
12. Name the community reserve of Kerala and explain strategies of conservation.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

Answer *all* questions. Each question carries 5 marks.

13. Describe biogeocoenosis.
14. Describe the mechanisms of succession.
15. Explain terrestrial ecology.
16. List out in detail various toxic chemicals and its public health hazards.

17. Classify various levels of toxicity.
18. Explain any two indices of for measuring species biodiversity.
19. Explain any three conservation projects implemented in India.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Explain nitrogen cycle.
21. Explain in detail the consequences of habitat destruction and concept of sustainable development.

(1 × 10 = 10 Marks)
