K25FY3030 Pages: 2 Reg No: PA224PLSR01

Name .....

Third Semester FYUGP Degree (Reg) Examination November 2025

KU3VACBOT122 - CONSERVATION BIOLOGY

2024 Admission onwards

Time : 1.5 hours Maximum Marks : 50

Section A

Answer any 6 questions. Each carry 2 marks.

1. What is the primary goal of conservation biology?
2. State any two differences between in situ and ex situ conservation strategies.
3. Define quadrat sampling.
4. List any two advantages of using drones (UAVs) in habitat monitoring.
5. Expand the acronyms IUCN and CITES.
6. Explain EIA.
7. Explain species abundance.
8. What is meant by intrinsic value of biodiversity?

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Section B

Answer any 4 questions. Each carry 6 marks.

9. Write a short note on national policies in India related to environmental conservation (e.g., Wildlife Protection Act, Forest Conservation Act).
10. Write a brief account on any three national or international laws related to conservation.
11. Analyse the importance of environmental impact assessment (EIA) in a proposed development project affecting wildlife.
12. Describe the different levels of biodiversity with suitable examples.
13. Propose three strategies to mitigate the challenges faced by our wetlands.
14. How do human activities contribute to biodiversity loss?

Section C

Answer any 1 questions. Each carry 14 marks.

15. What are species-specific recovery plans? Describe their importance and explain with examples of such programs implemented in India?

16. Discuss a range of ecological survey techniques, including quadrats, transects, and capture-mark-recapture. Evaluate their usefulness in different types of ecosystems

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