K26FY0337 Pages: 2 Reg No:.....
Name:.....

Fourth Semester FYUGP Degree (Reg) Examination April 2026

KU4DSCFOR207 - WILDLIFE SCIENCE AND CONSERVATION BIOLOGY

2024 Admission onwards

Time : 1.5 hours Maximum Marks : 50

Section A

Answer any 6 questions. Each carry 2 marks.

1. List any three direct methods of wildlife census.
2. Write a brief note on the use of Mist Nets in chiropteran or avifaunal studies.
3. Define learned behaviour in wild animals.
4. Define biome.
5. List three primary functions of a "Biosphere Reserve" as per the MAB (Man and the Biosphere) program.
6. Identify the difference between the IUCN categories Extinct (EX) and Extinct in the Wild (EW).
7. Define species conservation and state one example.
8. Define wildlife preservation.

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Section B

Answer any 4 questions. Each carry 6 marks.

9. Design and prepare a table comparing in-situ and ex-situ conservation.
10. Design and illustrate the role of protected areas in biodiversity conservation.
11. Design and prepare a case study of a successful captive breeding programme.
12. Explain waterhole census.
13. Describe in-situ conservation methods.
14. Design and integrate a report on any one conservation project

Section C

Answer any 1 questions. Each carry 14 marks.

15. Analyse and apply different wildlife census methods and support their suitability for different species.

16. Apply the principles of Predator Avoidance to explain the survival of prey species in Kerala's forest ecosystems. Demonstrate how Schooling and Mimicry function as collective and individual defense mechanisms.

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