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# First Semester FYUGP Degree (Sup) Examination November 2025

# KU1DSCFOR103 - INTRODUCTION TO WILDLIFE SCIENCES

2024 Admission onwards

Time : 1.5 hours Maximum Marks : 50

## Section A

**Answer any 6 questions. Each carry 2 marks.**

1. Define wildlife science and explain its importance.
2. List three characteristic features of wildlife found in grassland biomes.
3. What is an endangered species? Provide an example.
4. What conservation strategies are implemented in Project Crocodile?
5. Identify the main distinguishing features of the order Proboscidea.
6. Name two endemic mammal species in India.
7. How do environmental factors impact amphibian reproduction?
8. What are the potential complications that can arise from a snake bite if left untreated? Provide at least two examples.

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## Section B

**Answer any 4 questions. Each carry 6 marks.**

9. Create a table comparing mammalian feeding strategies.
10. Analyze the physical and behavioral adaptations of elephants that help them survive in both forested and grassland habitats within the Indian subcontinent.
11. Assess the conservation status of Indian mammals across different zoogeographic regions and suggest reasons for regional variations in endangerment.
12. Analyze how climate change could impact sex ratios in reptiles that rely on temperature for sex determination, focusing on long-term effects on population stability.
13. Critically evaluate the role of public education in preventing snake bites and ensuring appropriate responses when they occur. What strategies could improve community awareness

14. Analyze the distinguishing physical and behavioral characteristics used to identify venomous and nonvenomous snakes. Provide examples to illustrate these features.

## Section C

**Answer any 1 questions. Each carry 14 marks.**

15. Describe how wildlife characteristics vary across different biomes and assess the ecological significance of these adaptations.

16. Evaluate the challenges and achievements of Project Tiger over the years.

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