

Reg. No.:



W7986

Name:

University of Kerala

First Semester FYUGP Degree Examination, December 2025

Discipline Specific Core Course

ZOOLOGY

UK1DSCZOO103 - Wildlife Biology and Conservation

Academic Level: 100-199

2025-Admission

Time: 1 Hour 30 Minutes(90 Mins.)

Max. Marks: 42

**Part A. 6 Marks.Time:6 Minutes.(Cognitive Level:Remember(RE)/Understand(UN)) Objective Type. 1 Mark
Each.Answer all questions**

Qn No.	Question	CL	CO
1	Project Elephant focuses primarily on: Options : A)Captive breeding programmes B)Elephant conservation C)Climate change mitigation D)Animal husbandry	RE	4
2	Identify National Park from the following Options : A)Agasthyamala B)Eravikulam C)Shendurney D)Thattekad	RE	1
3	The Indian Wildlife (Protection) Act, 1972, provides the highest protection under: Options : A)Schedule II B)Schedule III C) Schedule IV D)Schedule I	UN	4
4	What is an edge species? Options : A)Highly specialized species that only survives in the deep, interior habitats B)Species that preferentially occupies the boundary zone, or ecotone, between two distinct habitats C)Species that is adapted to clearcut areas D)Species whose survival is essential for the structure and function of the entire ecosystem	UN	2
5	Which value of wildlife helps maintain food chains and food webs? Options : A)Ecological value B)Recreational value C)Commercial value D)Cultural value	UN	1
6	Identify which is the major threats to Wildlife.	UN	4

Qn No.	Question	CL	CO
	Options : A)Habitat loss and fragmentation B)Over exploitation C) Climate change D) All the above		

Part B.8 Marks.Time:24 Minutes.(Cognitive Level:Understand(UN)/Apply(AP))Short Answer. 2 marks each.Answer all questions

Qn No.	Question	CL	CO
7	Explain the threat of Invasive species with an example	UN	4
8	Explain the advantages of <i>Ex-situ</i> conservation	UN	2
9	How does Project Elephant help in conserving Elephant biodiversity?	AP	4
10	Apply your understanding to explain how habitat loss, pollution, and over-exploitation influence wildlife populations.	AP	4

Part C. 28 Marks.Time:60 Minutes (Cognitive Level:Apply(AP)/Analyse(AN)/Evaluate(EV)/Create(CR)) Long Answer.7 marks each.Answer all 4 Questions choosing among options * within each question

Qn No.	Question	CL	CO
11	A) A) Explain how project Tiger and Project Elephant contributes to wildlife conservation. OR B) Explain Red Data Book and identify its role in wildlife conservation.	AP	3, 3
12	A) Compare the ecological characteristics and fauna of wetland and mangrove habitats. OR B) Examine the ecological significance of keystone species and umbrella species.	AN	1, 5

Qn No.	Question	CL	CO
13	A) Analyze the ecological impacts of invasive species citing examples OR B) Evaluate the methods used to manage man–animal conflict and suggest improvements based on their effectiveness.	EV	3, 3
14	A) Categorize major wildlife habitats in India. Provide any four significances of Shola forests in western ghats? OR B) prepare a chart describing the major hotspots in india	CR	1, 3