



Reg. No.:

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 onwards

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	Recall the indirect count method for wildlife monitoring Options : A)Track and signs B)Pugmark C)Camera trap D)All of the above	RE	2
2	Pichavaram is famous for which type of habitat? Options : A) Mangrove Forest B)Desert C)Shola Forest D)Wetland	RE	1
3	The biodiversity act was passed in the year..... Options : A)1972 B)2002 C) 1945 D)2025	UN	3
4	What is captive breeding? Options : A)The process of relocating wild animals from an overpopulated area to a new area B)Natural propagation of plants or animals in controlled human environments C)The protection of endangered species and their habitats D)None of the above	UN	2
5	Red Data Book is published by: Options : A)BNHS B)WWF C) NVY D) IUCN	UN	5
6	Any interaction between humans and wildlife that results in negative impacts on the life or on the environment	UN	4

Qn No.	Question	CL	CO
	is called: Options : A) Human wildlife interactions B) Human wildlife services C) Human wildlife adjustment D) Man animal conflict		

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	Match the following	UN	4
8	Differentiate between National park and Sanctuary.	UN	4
9	Explain the purpose of the IUCN Red Data Book in biodiversity conservation.	AP	4
10	Discuss the ecological significance of Umbrella Species in a habitat using a suitable example?	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) Interpret your views regarding the role of invasive species in wildlife? OR B) Interpret the effects of habitat loss, pollution, and over-exploitation on wildlife populations.	AP	2, 3
12	A) Compare different Wildlife monitoring methods. OR B) Analyse the significance of <i>In situ</i> conservation strategies in wildlife conservation.	AN	2, 4
13	A) Evaluate the need and values of wildlife. Analyse why wildlife conservation is essential for ecological balance and human development. OR B)	EV	1, 2

Qn No.	Question	CL	CO
	Assess the ecological roles played by shola forest .		
14	<p>A)</p> <p>Prepare a chart showing the major wildlife conservation projects implemented in India and briefly describe their objectives.</p> <p>OR</p> <p>B)</p> <p>Explain the IUCN Red Data Book. Discuss its structure, categories, and significance in global biodiversity conservation.</p>	CR	4, 4

Model QP