

Reg. No.:



W7750

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	A non-native organism that significantly alters or disrupts the ecosystem it invades is called Options : A)Native species B)Invasive species C)Indigenous species D) Endemic species	RE	2
2	The Sundarban Delta is an example of what specific type of habitat and biome? Options : A)Tropical Rainforest B)Mangrove Ecosystem C)Temperate Deciduous Forest D)Desert Habitat	RE	1
3	Identify the year in which the biodiversity act was enacted ? Options : A)1972 B)2002 C)2025 D)1989	UN	3
4	Umbrella species are important because they: Options : A)are the smallest species in the ecosystem B)help protect other species by conserving large habitats C)live only in hash environments D)are used in decoration	UN	2
5	Identify the <i>ex-situ</i> conservation method Options : A)Captive breeding B)National Parks C)Sanctuary D)Wildlife Biosphere	UN	2
6	Which among the following is recognized as the largest Delta in the World	UN	2

Qn No.	Question	CL	CO
	Options : A)Godavari Delta B)Nile Delta C)Sunderbans Delta D)Mississippi Delta		

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 biodiversity hotspot and give examples.	UN	1
8	Explain how Project rhino supports biodiversity conservation in India	UN	4
9	Describe any two wildlife monitoring techniques.	AP	5
10	Discuss the need of wildlife conservation	AP	1

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) How do umbrella species, and edge species serve as indicators of ecosystem health. OR B) Describe the characteristics of desert, forest, and mangrove ecosystems.	AP	1, 2
12	A) Compare different In-situ wild- life conservation methods such as National Parks, Biosphere reserves, Wildlife Sanctuaries, Mangrove forests with examples in India and Kerala. OR B) Critically analyse the different methods of wildlife monitoring methods under direct count?	AN	2, 4
13	A) Assess the Biological Diversity Act, 2002 and Indian Wildlife Protection Act, 1972. OR B) Evaluate wildlife management flagship programs like (a) Project Tiger and (b) Project Cheetah	EV	4, 4

Qn No.	Question	CL	CO
14	A) Prepare an account on the impacts of invasive species and their management, with special reference to <i>Pomacea canaliculata</i>. OR B) Design a chart categorizing the major threats to wildlife .	CR	2, 5