

Reg. No.:



W7982

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

2024-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	Wildlife contributes to aesthetic value by: Options : A)Decreasing interest in outdoor activities B)Providing natural beauty and recreational experiences C)Reducing scenic landscapes D)Increasing habitat destruction	RE	1
2	Identify a Biosphere Reserve from the following Options : A)Eravikulam B)Agasthyamala C)Pampadum Shola D)Silent Valley	RE	1
3	Identify the definition of poaching Options : A)The cutting of trees for agriculture B)The introduction of invasive species C)The illegal hunting, killing or capturing of wild animals D)The human encroachment to wildlife habitat	UN	2
4	Keystone species are ecologically significant because they: Options : A)Have the largest population B)Strongly influence ecosystem structure and stability C)Live only on habitat edges D)Are always top predators	UN	1
5	Identify the suitable solution for habitat fragmentation from the following Options : A)Burning of fossil fuels B)Wildlife corridors C)Dam construction D)Deforestation	UN	2
6	Kaziranga National Park is famous for the conservation of:	UN	4

Qn No.	Question	CL	CO
	Options : A)Cheetah B)horned Rhinoceros C)Asiatic Lion D)Nilgiri Tahr		

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 <table><tr><th>A</th><th>B</th></tr><tr><td>a. Zoological Park</td><td>1. Eravikulam</td></tr><tr><td>b. National Park</td><td>2. Pichavaram</td></tr><tr><td>c. Biosphere reserve</td><td>3. <i>Ex-situ</i> conservation</td></tr><tr><td>d. Mangroves</td><td>4. Agasthyamalai</td></tr></table>	A	B	a. Zoological Park	1. Eravikulam	b. National Park	2. Pichavaram	c. Biosphere reserve	3. <i>Ex-situ</i> conservation	d. Mangroves	4. Agasthyamalai	UN	1
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a. Zoological Park	1. Eravikulam												
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d. Mangroves	4. Agasthyamalai												
8	Discuss important management strategies to avoid man-animal conflict?	UN	3										
9	Compare the characteristics of desert and wetland ecosystems	AP	2										
10	Write a brief account on Project Elephant	AP	3										

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) Explain the major threats to wildlife such as habitat loss, poaching and climate change. OR B) Explain how invasive species disrupt native ecosystems and what strategies are used to control their spread?	AP	2, 2
12	A) Explain the various conservation projects - Project Tiger, Cheetah, and Rhino OR B)	AN	4, 4

Qn No.	Question	CL	CO
	Examine major provisions of the Indian Wildlife Protection Act, 1972 and Biological Diversity Act, 2002.		
13	A) Evaluate the statement “the need for wildlife conservation in India is more urgent today than ever before”. OR B) Evaluate the values of Wildlife Conservation	EV	4, 4
14	A) Categorize forest, desert, and mangrove habitats based on key environmental conditions and faunal adaptations. OR B) a. Create a table showing the difference between Keystone species, Umbrella species and Edge species . Also write notes on their significance.	CR	4, 4