



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

2024-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	Choose which of the following is an example for aquatic habitat? Options : A)Pichavaram Forest B)Gulf of Mannar C)Vembanad Lake D)Shola Forest.	RE	2
2	The illegal hunting of wildlife is called..... Options : A)Conservation B)Migration C)Poaching D)Extinction	RE	1
3	National Parks are primarily examples of: Options : A)In situ conservation B)Ex situ conservation C)Captive conservation D)Fragmentation	UN	2
4	A bird species depends on tall trees for nesting. When tall trees are cut, the bird population declines. What major habitat factor is affected? Options : A)Temperature B)Water availability C)Shelter and nesting sites D)Soil fertility	UN	2
5	The apple snail (<i>Pomacea canaliculata</i>) is considered a/an: Options : A)Native species B)Invasive species C)Protected species D)Keystone species	UN	2
6	Economic value of wildlife includes	UN	1

Qn No.	Question	CL	CO
	Options : A) Tourism and recreation B) Biodiversity Maintenance C) Food chain stability D) Ecosystem services		

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		UN	2
8	Explain the significant economic and social impacts caused by the establishment and spread of invasive species.	UN	2
9	Explain any four major threats to wildlife	AP	2
10	Explain why <i>Nilgiri Tahr</i> is considered as a Keystone species?	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) Explain the characteristics and ecological functions of mangrove habitat with example. OR B) Apply your knowledge about biodiversity hotspots in India and illustrate the need to protect them.	AP	2, 1
12	A) (a) Analyze the negative impacts of habitat loss and fragmentation on wildlife. OR B) Analyze the various methods to manage man-animal conflict	AN	4, 4
13	A) Evaluate the different types of <i>in-situ</i> methods in wild-life conservation OR B) Illustrate the various protection acts in India, highlighting their key provisions, objectives, and role in conserving species and ecosystems.	EV	4, 4

Qn No.	Question	CL	CO
14	<p>A)</p> <p>Design a poster showing the salient features of different conservation projects like project Tiger, Project Rhino and Project Crocodile.</p> <p>OR</p> <p>B)</p> <p>Draw a chart showing the major functions and conservation activities of IUCN, WWF, NVY and BNHS.</p>	CR	4, 4

Model QP