



U8029

Reg. No.: .....

Name:.....



**University of Kerala**  
First Semester Degree Examination, November 2024  
Four Year Under Graduate Programme  
Discipline Specific Core Course  
Zoology  
**UK1DSCZOO103 Wildlife Biology and Conservation**  
Academic Level: 100-199



Time: 1½ Hours

Max.Marks:42

## Part A.

Answer All Questions Objective Type. 1 Mark Each.

(Cognitive Level: Remember/Understand)

6 Marks. Time: 6 Minutes

Qn. No.	Question	Cognitive Level	Course Outcome (CO)
1.	Which species serves as an umbrella species by protecting the entire ecosystem when it is conserved? A) Deer B) Tiger C) Rabbit D) Snake	Remember	1
2.	Which of the following is an example of ex-situ conservation? A) Project Tiger B) Zoological parks C) Wildlife Sanctuaries D) Biosphere Reserves	Understand	2
3.	Which organization is known for global wildlife conservation efforts? A) BNHS B) WWF C) WCS D) IUCN	Remember	3
4.	The Sundarbans delta, known for its mangrove forests, is a critical _____ habitat in India. A) Desert B) Aquatic C) Wetland D) None of the above.	Understand	2
5.	Conservation of _____ species helps protect a wide range of other species and their habitats. A) Umbrella B) Keystone C) Edge D) Invasive	Understand	4

6.	Which of the following is a National Park in Kerala? A) Eravikulam B) Pampadum Shola C) Silent Valley D) All of the above.	Understand
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Part B.

Answer All Questions Short Answer. 2 Marks Each.  
(Cognitive Level: Understand/Apply)  
8 Marks. Time: 24 Minutes

Qn. No.	Question	Cognitive Level	Course Outcome (CO)										
7.	Match the following <table><tr><th>A</th><th>B</th></tr><tr><td>a. Apple snail</td><td>1.Conservation Organization</td></tr><tr><td>b. Mangrove forest</td><td>2.Red Data Book</td></tr><tr><td>c. Threatened Species</td><td>3.Invasive Species</td></tr><tr><td>d. WWF</td><td>4. In-situ conservation</td></tr></table>	A	B	a. Apple snail	1.Conservation Organization	b. Mangrove forest	2.Red Data Book	c. Threatened Species	3.Invasive Species	d. WWF	4. In-situ conservation	Understand	4
A	B												
a. Apple snail	1.Conservation Organization												
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c. Threatened Species	3.Invasive Species												
d. WWF	4. In-situ conservation												
8.	How can the introduction of invasive species like the Apple Snail affect native ecosystems?	Understand	2										
9.	How do organizations like WWF and the Wildlife Conservation Society (WCS) collaborate internationally to protect wildlife?	Apply	4										
10.	Apply your understanding of species-specific conservation efforts by explaining how Project Tiger has contributed to the recovery of tiger populations in India.	Apply	3										

Part C.

Answer all 4 Questions, choosing among options within each question.  
Long Answer. 7 marks each. (Cognitive Level: Apply/Analyze/Evaluate/Create)  
28 Marks. Time: 60 Minutes

Qn. No.	Question	Cognitive Level	Course Outcome (CO)
11.	(a)What conservation measures would you apply to protect keystone species in the Western Ghats region ?  OR (b) How would you distinguish between Wetland habitat and Mangrove habitat?	Apply	4

12.	<p>(a) Explain measures to minimise the Man-Animal Conflict with examples?</p> <p style="text-align: center;"><b>OR</b></p> <p>(b) Explain measures to address habitat loss, fragmentation and over-exploitation of wildlife?</p>	Apply	5
13.	<p>(a) Assess the success of in-situ conservation efforts in India, such as the creation of biosphere reserves in the Western Ghats?</p> <p style="text-align: center;"><b>OR</b></p> <p>(b) Analyse the role of international organizations like the WWF and IUCN in supporting wildlife conservation strategies in India.</p>	Analyse	2
14.	<p>(a) Describe the ex-situ conservation strategy with suitable examples.</p> <p style="text-align: center;"><b>OR</b></p> <p>(b) Analyse the role of different wildlife conservation organizations in protecting biodiversity.</p>	Analyze	4