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6 SEM TDC DSE ZOO (CBCS) 6(H)

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(May/June)

ZOOLOGY

(Discipline Specific Elective)

(For Honours)

Paper : DSE-6

(**Wildlife Conservation & Management**)

Full Marks : 53

Pass Marks : 21

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

1. Fill in the blanks : 1×5=5

(a) _____ is the scientific name of State bird
of Assam.

(b) Manas National Park became Tiger
Reserve in the year _____.

(c) Full form of GIS is _____.

(d) The current population of Indian Rhino according to 2022 census in Kaziranga National Park is _____.

(e) The only Ramsar site of Assam is _____.

2. Write short notes on (any three) : $4 \times 3 = 12$

(a) Conservation ethics

(b) Use of remote sensing in wildlife habitat study

(c) Values of wildlife

(d) Role of ecotourism in wildlife conservation

3. What is succession? Describe various methods used to arrest succession in wildlife protected areas. $2+7=9$

Or

Define natality and mortality. Discuss the importance of pugmarks and faecal sample analysis in wildlife survey. $1+1+7=9$

4. Give an account of National Parks in Assam. Write about habitat and important wildlife found in these protected areas. $4+6=10$

Or

What is the basic concept of Tiger Reserve? Write an essay on tiger reserves of Assam. $3+7=10$

5. Describe in detail about different wildlife census methods used for enumerating mammals. 9

Or

What are the major threats to wildlife? Mention major threats prevalent in North-East India. $6+3=9$

6. Describe the various methods of eco-restoration of degraded wildlife habitats. 8

Or

How can grazing be used as a tool for habitat management? 8
