

5. Write short notes on any **three** of the following :

- (i) Human-wildlife conflict with suitable example
 - (ii) Biological parameters in habitat analysis
 - (iii) Conservation Ethics
 - (iv) Project Tiger
 - (v) Strategies for sustainable ecotourism development
- (5+5+5)

[This question paper contains 4 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 4883

J

Unique Paper Code : 2234001002

Name of the Paper : G.E.: Nature and Wildlife Studies

Name of the Course : **G.E.: Zoology, Theory**
Exam May-June 2025

Semester : IV

Duration : 2 Hours

Maximum Marks : 60

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Attempt **ANY FOUR** questions in all.
3. Question No. 1 is compulsory.

1. (a). Define the following :

(1×5=5)

(i) Reservoir

(ii) Zoonosis

(iii) Quarantine

(iv) Umbrella species

(v) Biodiversity

(b) Differentiate between any **four** the following :
(2×4=8)

(i) Conservation reserves and Community Reserves.

(ii) Pioneer and Climax Community.

(iii) Buffer zone and Transition zone.

(iv) In-situ and ex-situ conservation.

(v) Active and passive sensors.

(c) Write the pathogen of the following diseases :
(0.5×4=2)

(i) Ebola

(ii) Rabies

(iii) Bovine flu

(iv) SARS

2. (a) Define habitat. Describe various physical parameters to analyse habitat for wildlife management. (8)

(b) Describe the various methods of setting back succession in wildlife management. (7)

3. (a) Explain the concept of captive breeding and its significance in conservation efforts of wildlife. (7)

(b) Explain the importance of caring injured and diseased animals and the role of quarantine in this context. Discuss the best practices for providing proper care and quarantine for animals in need. (8)

4. Describe any one zoonotic disease emphasizing on its causative agent, reservoir, symptoms and control measures. (15)