

Roll No.

Total Pages : 2

CMDQ/M-24

5610

**ANIMAL BEHAVIOUR & WILDLIFE
CONSERVATION-II**

Paper–M-Z-405

Time Allowed : 3 Hours]

[Maximum Marks : 80

Note : Attempt **five** questions in all, selecting **one** question from each Unit. Question No. **1** is compulsory. All questions carry equal marks.

Compulsory Question

1. Write short notes on the following: 8×2=16
- (a) Electric fences.
 - (b) Scat and spoor analysis.
 - (c) Semelparous organism
 - (d) Altruism
 - (e) Ambling
 - (f) Sample design
 - (g) Territory markers
 - (h) Sampling fraction.

UNIT-I

2. (a) Describe about group living and their advantages with suitable examples. 8

5610/K/505/100

P. T. O.

- (b) Explain about Group selection and Habitat selection. 8

3. (a) Write a note on phenomenon of Territoriality in animal. 8
- (b) Social organization in animals. 8

UNIT-II

4. Explain in detail about pheromones, their types and role in animal behaviour. 16
5. Write a detailed note on sexual attraction and sexual behaviour in animals. 16

UNIT-III

6. (a) Explain in detail about Wildlife census, its planning and understanding of sample counts and block counts. 8
- (b) Ageing and sexing techniques in animals. 8
7. Give a detail note on different types of signs and symptoms recorded during field observations. 16

UNIT-IV

8. Explain in detail about wildlife damages and their damage control methods with suitable diagrams. 16
9. (a) Project Tiger. 8
- (b) Poaching and their evidences. 8

5610/K/505/100

2