

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

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**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

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