

Roll No. ....

Total Pages : 2

**CMDQ/D-23**

**5171**

**ANIMAL BEHAVIOUR AND WILDLIFE  
CONSERVATION-I**

Paper–M-Z-305

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. Answer briefly the following : 8×2=16

- (a) Threatened category
- (b) National Park
- (c) Habitat corridors
- (d) SLOSS debate
- (e) Endemic species
- (f) Fixed action patterns
- (g) Tropisms
- (h) Conditioned reflex.

**UNIT–I**

- 2. Write a detailed note on stereotyped and acquired behaviour patterns. 16
- 3. Describe in detail about concept of biological clock. Also discuss about Biological rhythms. 16

**UNIT–II**

- 4. What is learning? Describe different types of learning. 16
- 5. Explain the following :
  - (a) Primary and Secondary biological drives. 8
  - (b) Migratory behavior in animals. 8

**UNIT–III**

- 6. Describe in detail about the Protected Area Systems with adaptive management model of Protected Areas. 16
- 7. Write a note on various bio-geographic zones of India. Also discuss concept of Biosphere Reserve. 16

**UNIT–IV**

- 8. Write a note on IUCN categories and red data book. 16
- 9. Explain the following :
  - (a) Natural Heritage sites in India. 8
  - (b) Wildlife and illegal trade. 8