

M.Sc.(Zoology) (C.B.C.S. Pattern) Sem-III  
**PSCZOOT12-1 - Foundation-I Paper-XII : Elementary Zoology**

P. Pages : 1

Time : Three Hours



**GUG/S/19/11327**

Max. Marks : 80

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- Notes :
1. All questions are compulsory.
  2. All questions carry equal marks.
  3. Illustrate your answers with suitable diagrams.

1. Give detail account of Bioluminescence in animals. 16

**OR**

Write notes on:

- a) Coral formation & types of coral reef.
- b) Parental care in Amphibia.

2. Give detail account of biodiversity hotspot in India. 16

**OR**

Write notes on

- a) Threats to biodiversity.
- b) Scope & significance of biodiversity.

3. Explain in detail Transgenic and cloned animals. 16

**OR**

Write notes on:

- a) DNA finger printing.
- b) AIDS.

4. Give detail account on evolution of man. 16

**OR**

Write notes on:

- a) Vermiculture & its importance.
- b) Birds migration.

5. Attempt the following. 16

- a) Parental care in mammals.
- b) National parks & Sanctuaries in India.
- c) Immunization.
- d) Snake venom & its importance.

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