

M.Sc. (Zoology) (CBCS Pattern) Third Semester
PSCZOOT12-1 - Foundation-I - Elementary Zoology Paper-XII

P. Pages : 1

Time : Three Hours



GUG/W/18/11327

Max. Marks : 80

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

1. Explain parental care in fishes in detail. 16

OR

Write notes on:

- a) Types of coral reefs and their formation
- b) Bioluminescence in insects and fishes

2. Define biodiversity and explain hotspots of Western Ghats. 16

OR

Write notes on:

- a) Threats to biodiversity.
- b) Wildlife conservation and management in India.

3. Discuss on techniques and applications of DNA finger printing in forensic science. 16

OR

Write notes on:

- a) Transgenic animals.
- b) Immunodeficiency syndrome (AIDS)

4. Write an essay on birds migration. 16

OR

Write notes on:

- a) Vermiculture techniques and significance
- b) Evolution of man

5. Attempt the followings: 16

- a) Parental care in Amphibia
- b) Wildlife Sanctuaries in India.
- c) Animal cell
- d) Snake venom
