

B.Sc - SEMESTER-II

Zoology - Important questions

UNIT-I

Long questions

- 1) Explain Lake Ecosystem (aquatic ecosystem / lentic ecosystem).
- 2) What is biogeochemical cycle? Explain Nitrogen / Carbon cycle.
- 3) What is food chain? What are different types of food chain?  
Add a note on Food Web.
- 4) Write an essay on Animal associations / Community interactions / interspecific relationships
- 5) Write about Ecological pyramids.

Short questions

- 6) Water / Hydrological cycle.
- 7) Desert ecosystem
- 8) Mutualism
- 9) Phosphorous cycle.

UNIT-II

Long questions

- 1) Population dynamics and its characteristic features
- 2) Community and its characteristic features.

- 3) Ecological Succession
- 4) What is pollution and types of pollution
- 5) Ecological adaptations

### Short questions

- 6) National parks
- 7) Growth Curves
- 8) Endangered animals
- 9) Species Concept
- 10) Wild life Conservation
- 11) Biodiversity

### UNIT-III

#### Long questions

- 1) Zoogeographical regions and types of regions/realms.

#### Short questions

- 1) Wallace line
- 2) Discontinuous distribution
- 3) Continental drift

### UNIT-IV

#### Long questions

- 1) What is behaviour? Explain types of behaviour.
- 2) Reflexes.

3) Taxes

4) Tropism

5) Social behaviour

6) Classical Conditioning

7) Circadian rhythms

Short questions

1) Biological rhythms

5) Learning

2) Biological clocks

6) .

3) Pheromones

4) Habituation