

**USCZOT12 - Discipline Specific Elective - Core Paper-XII - Zoology Paper-IV :  
Aquatic Biology**

P. Pages : 1

Time : Three Hours



**GUG/W/22/13122**

Max. Marks : 50

- Notes : 1. All questions are compulsory.  
2. All questions carry equal marks.  
3. Draw well labelled diagram wherever necessary.

1. Write an account on aquatic biomes. **10**
- OR**
- Write note on-
- a) Freshwater lakes. **5**  
b) Pelagic zone. **5**
2. Write an account on ecosystem & morphometry of lakes. **10**
- OR**
- Write notes on-
- a) Physical characteristic of water. **5**  
b) Rotifera and Cladocora. **5**
3. Give an account of coral reefs. **10**
- OR**
- Write notes on-
- a) Salinity and density of sea water. **5**  
b) Sea weeds. **5**
4. Give an account on Aquatic pollution. **10**
- OR**
- Write notes on-
- a) Cultural eutrophication. **5**  
b) Water pollution acts of India. **5**
5. Write four or five lines on each of the following **any ten.** **10**
- |                         |                           |
|-------------------------|---------------------------|
| i) Streams              | ii) Intertidal zones      |
| iii) Benthic zones      | iv) Morphometry           |
| v) Turbidity.           | vi) Ostracoda.            |
| vii) Continental shelf. | viii) Deep sea organisms. |
| ix) Nitrogen.           | x) Sewage.                |
| xi) Oil spills          | xii) COD                  |

\*\*\*\*\*