

B.Sc. - III CBCS Pattern Semester-V  
**USCZOT12 (DSE) Core Paper-XII - Zoology Paper-IV (Aquatic Biology)**

P. Pages : 1

Time : Three Hours



**GUG/W/23/13122 (S)**

Max. Marks : 50

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

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|-----------|---|-------------------------|
| <b>1.</b> | Write an essay on Aquatic Biomes.                     | <b>10</b>               |
|           | <b>OR</b>   |                         |
|           | a) Fresh water Ecosystems.                            | <b>5</b>                |
|           | b) Intertidal Zone.                                   | <b>5</b>                |
| <b>2.</b> | Write detailed on Origin and Classification of Lakes. | <b>10</b>               |
|           | <b>OR</b>   |                         |
|           | a) Sulphur Cycle in Lake.                             | <b>5</b>                |
|           | b) Zooplanktons.                                      | <b>5</b>                |
| <b>3.</b> | Write an essay on Marine Ecosystem.                   | <b>10</b>               |
|           | <b>OR</b>   |                         |
|           | a) Coral Reef.  | <b>5</b>                |
|           | b) Adaptation of Deep Sea Organisms.                  | <b>5</b>                |
| <b>4.</b> | Give an account on aquatic Pollution.                 | <b>10</b>               |
|           | <b>OR</b>   |                         |
|           | a) Eutrophication.                                    | <b>5</b>                |
|           | b) Water Pollution Acts in India.                     | <b>5</b>                |
| <b>5.</b> | Write 4-5 lines on <b>any ten</b> .                   | <b>10</b>               |
|           | i) Photic Zone  | ii) Estuaries           |
|           | iii) Benthic Zone                                     | iv) Physical Parameters |
|           | v) Nitrate  | vi) Morphometry         |
|           | vii) Continental shelf                                | viii) Sea weed          |
|           | ix) Salinity of Ocean                                 | x) BOD                  |
|           | xi) Sewage  | xii) Oil Spills.        |

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