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BSS 454

Second Semester M.Sc. Degree Examination, Sept./Oct 2022

(CBCS)

BIOSCIENCES

Aquatic Biology

Time : 3 Hours

Max. Marks : 70

Write short notes on **any four** of the following.

(4×4=16)

1. a) El-Nino effect
- b) Dissolved oxygen
- c) Wetland
- d) Red tide
- e) Shelford's law of tolerance
- f) Sea weeds.

Write explanatory notes on **any five** of the following.

(5×6=30)

2. Hydrological cycle.
3. Coral reef community.
4. Shellfish poisoning.
5. Basic concepts and factors affecting the biological productivity in aquatic ecosystems.
6. Classification and distribution of plankton and their role in water quality.
7. Types, adaptations and economic importance of halophytes.
8. Biological control of aquatic pollution .

P.T.O.



Answer **any two** of the following.

(2×12=24)

9. Discuss the structural and functional adaptations of aquatic organisms to temperature and light.
 10. Explain the physico-chemical conditions and biological diversity of estuaries.
 11. Give a detailed account on the distribution of aquatic fauna and their economic importance.
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