

**Second Year Examination of the
Three Year Degree Course, 2001
ENVIRONMENTAL BIOLOGY
Second Paper
(Aquatic Ecology)**

Time : 3 Hours
[Maximum Marks :50]

Attempt any **five** questions,
selecting at least **one** question from each unit,
All questions carry equal marks.

UNIT – I

1. Write the characteristics of Lotic and Lentic habitats. 10

OR

Write short notes on the following Abiotic factor of aquatic habitat : 5+5

- (a) Temperature
- (b) Light

UNIT-II

2. Give details of major classifications of Lakes. 10

OR

Write notes on **any two** of the following: 5+5

- (a) Origin of Lakes
- (b) Primary productivity of Lakes
- (c) Lake fertility and fish production.

UNIT-III

3. Write an account on "general principles of Aquaculture." 10

OR

Write short notes on the following : 5+5

- (a) Nekton
- (b) Benthos.

UNIT-IV

4. Describe the biotic communities of marine environment 10

OR

Write short notes on any two of the following : 5+5

- (a) Marine resources
- (b) Deep sea community
- (c) Pelagic community.

UNIT-V

5. Write an essay on ecological adaptations of animals estuarine environment. 10

OR

Write an account of the biota and the productivity of estuarine environment. 10