

M.Sc. (Zoology) (C.B.C.S. Pattern) Sem-IV
PSCZOOT15.6 - Special Group Fresh Water Zoology – IV
(Inland Fisheries Paper – II)

P. Pages : 1

Time : Three Hours



GUG/S/19/11444

Max. Marks : 80

- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Illustrate your answers with suitable diagrams.

1. Give an account of population dynamics of fish & stock assessment models. **16**

OR

Write notes on :

- a) Reservoir fisheries.
- b) Fresh water fish culture.

2. Write in detail on the Nutritional requirement of carp & supplementary feeding. **16**

OR

Write notes on :

- a) Induced breeding
- b) Use of natural hormones in breeding.

3. Write an essay on culture of air breathing fishes. **16**

OR

Write notes on :

- a) Live Stock
- b) Culture of freshwater mussel.

4. Give an account of Biochemical composition and economic importance of fishes. **16**

OR

Write notes on :

- a) Fishery extension.
- b) HACCP in processing Industry.

5. Attempt the following : **16**

- a) Lacustrine fisheries.
- b) Glass Jar Hatchery
- c) Mixed fish farming
- d) Co-operative Societies.
