

M.Sc. (Zoology) (CBCS Pattern) Sem-III
PSCZOOT10-7 Special Group : Aquaculture Paper-I : Fresh Water Aquaculture

P. Pages : 1

Time : Three Hours



GUG/W/22/11313

Max. Marks : 80

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

1. Write an account on definition & importance of aquaculture and add note on present status in India. **16**

OR

Write note on:

- a) Physical parameters of pond water.
- b) Seasonal distribution of plankton

2. Give detail account of pond ecosystem. **16**

OR

- a) Planning and construction of fish farm.
- b) Methods of productivity measurement.

3. Describe in detail of breeding behaviours in Indian carps. **16**

OR

Write notes on:

- a) Fisheries of river system in India.
- b) Biology of *Labeo rohita*.

4. Give detail account of riverine collection of fish seed. **16**

OR

Write note on :

- a) Dry Bundh breeding.
- b) Induced breeding.

5. Attempt the following. **16**

- a) Macro Vegetation in aquaculture.
- b) Chemical condition of pond soil.
- c) Exotic carps.
- d) Hatcheries.
