

M.Sc.(Zoology) (CBCS Pattern) Third Semester
PSCZOOT10-7 - Special Group - Aquaculture Paper-I
(Fresh Water Aquaculture) Paper-X

P. Pages : 1

Time : Three Hours



GUG/W/18/11313

Max. Marks : 80

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

1. Explain Physico-chemical condition of pond water. 16

OR

- a) Seasonal Distribution of planktons & their role in Fisheries. 8
- b) Aquatic vegetation. 8

2. Write an essay on productivity measurement. 16

OR

- a) Food Chain & Food Web in Pond. 8
- b) Chemical condⁿ of Pond soil. 8

3. Give an account on breeding behaviour of Indian carps. 16

OR

- a) Fisheries of Indus river system. 8
- b) Biology of Cyprinus Carpio. 8

4. Write an essay on riverine collection of fish seed. 16

OR

- a) Bundh breeding of Indian major carps. 8
- b) Induced breeding by hypophysation. 8

5. Attempt the followings. 16

- a) Importance of Aquaculture in India.
- b) Trophic level
- c) Labeo rohita.
- d) Hatchery.
