

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

P. Pages : 1

Time : Three Hours



GUG/S/23/11313

Max. Marks : 80

- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw well labelled diagrams wherever necessary.

1. Explain seasonal distribution and diurnal movement of planktons. 16

OR

- a) Physico - chemical condition of pond water.
- b) Aquatic vegetation.

2. Describe planning and construction of fresh water fish farm. 16

OR

- a) Productivity measurement.
- b) Food web in pond

3. Give an account on fisheries of major river systems of India. 16

OR

- a) Biology of Indian major carp.
- b) Biology of exotic carp.

4. Explain induced breeding by hypophysation. 16

OR

- a) Bundh breeding.
- b) Riverine collection of fish seed.

5. Attempt the following. 16

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| a) Eichhornia | b) Fingerlings |
| c) Brooders | d) Rearing pond. |
