

M.Sc. (Zoology) (CBCS Pattern) Semester-IV
**PSCZOOT14.7 - Special Group - Aquaculture-III : Aquaculture and
Management**

P. Pages : 1

Time : Three Hours



GUG/S/25/11435

Max. Marks : 80

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

1. Give an account of pre-stocking management of a freshwater pond. 16

OR

Write notes on:

- a) Predatory and weed fishes.
- b) Carrying capacity and enhancement of carrying capacity.

2. Discuss on effects of dams on fisheries. 16

OR

Write notes on:

- a) Development of Reservoir fisheries in India.
- b) Artificial feed.

3. Explain the methods of integrated aquaculture. 16

OR

Write notes on:

- a) Cage culture and Pen culture.
- b) Polyculture of Indian and exotic carps.

4. Describe integrated fish farming. 16

OR

Write notes on:

- a) Cold water fishery
- b) Fish cum pig farming.

5. Attempt the followings: 16

- i) Stocking density.
- ii) Growth promoting hormones.
- iii) Air breathing fishes.
- iv) Super-intensive culture.
