

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

P. Pages : 1

Time : Three Hours



GUG/W/24/11435

Max. Marks : 80

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

1. Explain pre-stocking management of nursery, rearing and stocking ponds. **16**

OR

Write notes on-

- a) Aquatic weeds
- b) Weed fishes and insects.

2. Describe reservoir fisheries in India. **16**

OR

Write notes on-

- a) Effects of dams on fisheries.
- b) Nutritional requirement of culturable carps.

3. Discuss on fish-cum-poultry and fish-cum-paddy culture practices in India. **16**

OR

Write notes on-

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

4. Give an account of Cold water fish culture in India. **16**

OR

Write notes on:

- a) Sewage fed fish culture.
- b) Fish-cum-duck culture practice.

5. Attempt the followings. **16**

- i) Carrying capacity
- ii) Growth promoting hormones
- iii) Monosex culture.
- iv) Semi-intensive culture.
