

M.Sc. (Zoology)(with Credits)-Regular-Semester 2012 Sem IV
MSc2419 / MSC16-2 : Special Group-Fish and Fisheries-IV :
Fishery Technology and Fish Pathology Paper-IV

P. Pages : 1

Time : Three Hours



GUG/S/18/5815

Max. Marks : 80

- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Illustrate your answers with well labelled diagrams wherever necessary.

1. Give an account on topography and site selection for construction of fresh water fish farm. **16**

OR

Write notes on :

- a) Effect of water pollution on fish production.
- b) Gears used in inland fisheries.

2. Explain in detail method of hybridization and transgenic fish production. **16**

OR

Write notes on :

- a) Maintenance of aquarium.
- b) Culture of Zooplankton.

3. Give an account on marketing practices and channels for fish marketing. **16**

OR

Write notes on :

- a) Cryopreservation of gametes.
- b) Sex control and sex reversal in fishes.

4. Explain in detail methods of curing and preservation of fish. **16**

OR

Write notes on :

- a) Bacterial and fungal diseases in fish.
- b) Fish by - products.

5. Attempt the following : **16**

- a) Fish legislation and its importance.
- b) Role of Plankton in fish production.
- c) Domestic Marketing.
- d) Signs of sickness and effects on fish.
