

M.Sc.(Zoology) Fourth Semester Old
**MSC16-2-Special Group - Fish & Fisheries-IV : Fishery Technology And Fish
Pathology Paper - IV**

P. Pages : 1

Time : Three Hours



GUG/W/18/2441

Max. Marks : 80

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

1. Give a detailed account on the different types of ponds and their management. 16

OR

Write notes on:-

- a) Gears and crafts used in inland fisheries.
- b) Water pollution in relation with inland fisheries.

2. Explain in detail the technique of hybridization of fishes. Add a note on transgenic fish. 16

OR

Write notes on:-

- a) Maintenance of Aquarium.
- b) Culture of phytoplankton and its role in fishery.

3. Give a detailed account on the sex control and sex reversal under condition and chromosome set manipulation in fishes. 16

OR

Write notes on:-

- a) Marketing practices and information in relation to fishes.
- b) Cryopreservation of gametes.

4. Give a detailed account on the fish products and by-products. 16

OR

Write notes on:-

- a) Signs of sickness and its effects on fish.
- b) Abiotic diseases in fish and its control.

5. Attempt the following:- 16

- a) Fish legislation and its importance.
- b) Manufacture of Aquarium
- c) Export marketing.
- d) Canning.
