

M.Sc. (Zoology)(with Credits)-Regular-Semester 2012 Sem IV
MSc2421 / MSC16-3 : Special Group-Aquaculture-IV
(Fish Pathology and Fish Genetics)

P. Pages : 1

Time : Three Hours



GUG/S/18/5809

Max. Marks : 80

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

1. Give an account of methods of fish preservation. 16

OR

Write notes on:

- a) Objectives of fish preservation.
- b) Nutritional value of preserved fish.

2. Write an essay on fish products and by products. 16

OR

Write notes on:

- a) Effect of water pollution on fishes.
- b) Rigor mortis and fish spoilage.

3. Describe warm and crustacean diseases of farm fish. 16

OR

Write notes on :

- a) Protozoan diseases of farm fish.
- b) Nutritional diseases of fishes.

4. Give an account of cryopreservation of gametes. 16

OR

Write notes on:

- a) Applications of Genetic engineering in Aquaculture.
- b) Fish Genetic resources.

5. Attempt the following. 16

- a) Biochemical composition of Raw fish.
- b) Allergies from fish as food.
- c) Diseases caused by Aquatic pollutants.
- d) Hybridization.
