

M.Sc. - I (Zoology) (NEP Pattern) Semester-II
02MSCZO04-2 - DSC Major Elective Paper-II : Aquacultural and Management

P. Pages : 1

Time : Three Hours



GUG/S/25/15428

Max. Marks : 80

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- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Illustrate your answers with suitable diagrams.

- 1.** Discuss in details on traditional, extensive semi-intensive and intensive cultures of fish. **16**

OR

Write notes on:

- a) Global and National Scenario of Aquaculture.
- b) Cultivable freshwater fishes.

- 2.** Explain in detailed, control of weeds and algal blooms by physical, chemical and biological method. **16**

OR

Write notes on:

- a) Fertilizing and manuring of culture ponds.
- b) Physico-chemical conditions of soil for culture.

- 3.** Give an account of culture of Indian Major Carps (IMC). **16**

OR

Write notes on:

- a) Fish diseases and their control.
- b) Feeding and Harvesting of Indian Major Carps.

- 4.** Write in details on Integrated Fish Farming. **16**

OR

Write notes on:

- a) Pearl culture
- b) Macrobrachium rosenbergii morphology.

- 5.** Attempt the following: **16**

- a) Construction of fresh water fish farm.
- b) Rearing and Stocking Pond
- c) Operation of Chinese Hatchery
- d) Composite fish culture
