

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

P. Pages : 1

Time : Three Hours



**GUG/W/24/15428**

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.** Give a brief account on major cultivable species of brackish and marine water. **16**  
**OR**

Write notes on-

- a) Present status and scope of aquaculture at national level.
- b) Intensive culture of fish.

- 2.** Describe in brief functional classification of ideal fish farm ponds. **16**  
**OR**

Write notes on-

- a) Control of algal blooms.
- b) Physiochemical conditions of soil for culture.

- 3.** Give a brief account on pre-stocking management of pond. **16**  
**OR**

Write notes on-

- a) Fungal and bacterial fish diseases and their control.
- b) Operation of Chinese hatchery.

- 4.** Give a brief account on pearl culture. **16**  
**OR**

Write notes on-

- a) Composite fish culture.
- b) Integrated fish farming.

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

- a) Construction of nursery pond.
- b) Carrying capacity.
- c) Feeding and harvesting.
- d) Seed production in prawn culture.

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