

Sl. No.

No. of Printed Pages : 1

**21ZOO1C2L**

**M.Sc. I Semester Degree Examination, April/May - 2023**

**ZOOLOGY**

**Aquaculture and Fishery Biology**

**(CBCS)**

Time : 3 Hours

Maximum Marks : 70

**Note :** Answer **any five** of the following questions with question **No. 1 Compulsory**, each question carries **equal** marks.

1. Discuss the characteristic features of cultivable species with suitable examples. **14**  
Add a note on Selection criteria of cultivable species.
2. Explain in detail about the design and construction of fish culture pond. **14**
3. Describe the following in detail and write their importance in aquaculture.
  - (a) Androgenesis **7**
  - (b) Gynogenesis **7**
4. Explain in detail fishing craft and gear technology. **14**
5. Explain estuarine and brackish water fisheries. **14**
6. Write notes on :
  - (a) Transgenic fish **7**
  - (b) Brood stock management **7**
7. (a) Discuss the impact of aquaculture on environment. **7**  
(b) Write a short note on fish diseases with special emphasis on fungal and viral diseases. **7**
8. Write short notes on :
  - (a) Composite fish culture **5**
  - (b) Synthetic hormones for induced breeding for fishes **5**
  - (c) Nutrition in Aquaculture **4**

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