

**A-1076**

**Total Pages : 3**

**Roll No. ....**

**MSCZO-607**

**Fish and Fisheries (Applied Ichthyology)**

**Fish culture, Breeding and Pathology**

**M.Sc. Zoology (MSCZO)**

**Examination 2026 (Feb.)**

**Time: 02:00 hrs**

**Max. Marks: 70**

Note : This paper is of Seventy (70) marks divided into two (02) Section A and B. Attempt the questions contained in these sections according to the detailed instructions given therein. *Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

**Section-“A”**

**(Long Answer - type Questions)**

**Note:- Section ‘A’ contains Five (05) long-answer-type questions of Nineteen (19) marks each. Learners are required to answer any two (02) questions only.**

**(2x19=38)**

**P.T.O**

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1. Explain the various steps for conserving fishery resources in India.
2. Write an essay on sewage feed fisheries.
3. Describe the trout farming in India.
4. Use a diagram to describe the many types of inland fishing gear.
5. Write an essay about fungal diseases in fishes, including control techniques.

### **Section-“B”**

#### **(Short -answer - type questions)**

**Note:- Section ‘B’ contains eight (08) short-answer type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only.**

**(4x8=32)**

1. Write a short note in river pollution.
2. What are the fundamental steps for fish farm construction?

3. Describe the many factors responsible for induced breeding.
4. Explain the maintenance of fishing nets.
5. Describe the economic and biological importance of integrated fish culture.
6. How are larvivorous fishes used for biological control?
7. Discuss cryopreservation.
8. Write a short note on fish-cum poultry integrated framing.

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