

A-936

Total Pages : 3

Roll No.

MSCZO-607

**FISH AND FISHERIES (APPLIED
ICHTHYOLOGY)**

Fisheries Culture, Nutrition and Pathology

M.Sc. Zoology (MSCZO)

4th Semester Examination, 2024 (June)

Time : 2:00 Hrs.

Max. Marks : 70

Note :- This paper is of Seventy (70) marks divided into Two (02) Sections '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 2×19=38

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.

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P.T.O.

- Q. 1. Explain the various steps for conservation of fishery resources in India.
- Q. 2. Explain the various factors responsible for induced breeding.
- Q. 3. Explain Scope of aquaculture for sustainable livelihood.
- Q. 4. Discuss the fungal disease including common fungal pathogens that affect fin fish in aquaculture.
- Q. 5. Explain in detail about the pond and its ecology.

Section–B

Short Answer Type Questions 4×8=32

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.

- Q. 1. Briefly describes Length frequency distribution method.
- Q. 2. Explain the difference between Bundh and Hapa breeding.
- Q. 3. Explain the basic steps of pond water management.
- Q. 4. Write a short note on parasitic and nutritional fish diseases.

- Q. 5. Explain in detail about types of fishing gears used in Inland fishing.
- Q. 6. What is Cold water aquaculture ?
- Q. 7. Write a short note on Trout farming in India.
- Q. 8. Write a note on paddy-cum-fish farming.
