

A-0109

Total Pages : 3

Roll No.

MSCZO-607

M.Sc. ZOOLOGY (MSCZO)

Fish and Fisheries (Applied Ichthyology)

Fisheries Culture, Nutrition and Pathology

4th Semester Examination, Session December 2024

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.

1. Write about estuarine and marine fisheries in detail.
2. Explain the difference between composite fish farming and polyculture.
3. Write the scope of Cold-water aquaculture in Uttarakhand.
4. Write an essay about viral diseases in fishes, including control techniques.
5. Discuss the plankton and benthos. Explain the vital role of plankton in fishes.

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.

1. Why is it important that a pond ecosystem get sunlight. Describe in detail.
2. Write a note about hatchery management.
3. Explain Sewage feed fisheries in detail.

5. Write a short note on fish feed formulation.
6. What factors are responsible for fish growth ?
7. Write a note on duck-cum-fish farming.
8. Economic and biological importance of integrated fish culture.
