

A-0087

Total Pages : 3

Roll No.

MSCZO-607

M.Sc. Zoology (MSCZO)

[Fish and Fisheries (Applied Ichthyology)]

(Fisheries Culture, Nutrition and Pathology)

Examination, June 2025

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. What do you mean by 'exotic fish' ? Explain three important exotic fishes that are being cultured in India.
2. What is the relationship of age and growth ? Explain in detail.
3. Give a detailed account of the riverine fishery resources in India.
4. Write an essay on integrated fish farming.
5. Explain in detail the basic concept of fish breeding and spawning.

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. Write a short note on cold water fishery.
2. What is the best definition of pond ecosystem with suitable examples ?
3. Write about hybridization and transgenic fish.
4. Explain the various aspects of pond management.

5. Write a short note on any *one* of the following :
 - (i) Different fishing methods
 - (ii) Radio-carbon uptake method
6. Give a detailed account of the various fish foods.
7. Write a brief note about parasite fish diseases.
8. Which fish species have been introduced in India to manage mosquito populations. Explain in detailed.
