

A-1075

Total Pages : 3

Roll No.

MSCZO-606

Fish and Fisheries (Structure and Functions)

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. Describe the structure of fish Integument and also write its function.
2. Explain the structure and functions of fins in fishes.
3. Describe the process of osmoregulation in fishes.
4. Explain the structure and functions of the brain cranial nerves in fishes.
5. Describe the function of various hormones secreted by pituitary gland in fishes.

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 about fish habit and habitat.
2. Write a short note on pigmentation and coloration in fishes.
3. What is swim bladder? Write its functions.
4. Write a short note on hermaphroditism in fishes.

5. What are the factors that influence the feeding behavior of fishes?
6. Write a short note on lateral line organs and labyrinth.
7. Write about fish immune system.
8. Give brief description of the digestive system of fishes.
