

A-935

Total Pages : 3

Roll No.

MSCZO-606

**FISH AND FISHERIES (STRUCTURE
AND FUNCTIONS)**

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.

1. Explain the types of scales found in fishes and write their uses also.
2. Describe the methods of culture of common carp.
3. Describe the process of osmoregulation in fishes.
4. Write short notes on the following :
 - (a) Chemoreceptors in fishes
 - (b) Acoustico-lateralis system
5. Describe the function of various hormones secreted by the Pituitary gland.

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. Explain the habit and habitat of fishes with example.
2. How many types of fins found in fishes ?
3. What do you mean by exotic fishes ? Name three important exotic fishes that are being cultured in India.
4. Write the functions of swim bladder.
5. What are the factors that influence the feeding behavior of fish ?

6. What is the role hemoglobin in the fish respiratory system ?
7. Write down the functions of antibodies in fishes.
8. Explain the migratory behavior in fishes.
