

P-219

Total Pages : 3

Roll No.

MSCZO-606

Fish and Fisheries (Structure and Functions)

M.Sc. Zoology (MSCZO)

4th Semester Examination, 2023 (June)

Time : 2 Hours]

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.

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.

(2×19=38)

1. Explain the Digestive system of fish in detail, highlighting the structure and processes involved in the digestion, Absorption and elimination of food.

2. Write a detail explanatory note on reproductive strategy of fishes.
3. Give a detailed account on deep sea adaptations.
4. Explain the fins and locomotion in fishes.
5. Write a detail note on development of immune system in fish.

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. (4×8=32)

1. Explain the migratory behaviour in fishes.
2. (a) Chemoreceptor's in fishes.
(b) Acoustico-lateralis system.
3. Write a short note on cave-dwelling fishes.
4. Briefly describe the process of osmoregulation in fishes.
5. Write the functions of swim bladder.

6. Briefly explain the feeding habits of fishes.
 7. Briefly discuss on the host -parasite interactions.
 8. Write a short on the extrinsic factors influencing the feeding and feeding behaviour in fish.
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