

P-220

Total Pages : 3

Roll No.

MSCZO-607

Fish and Fisheries (Applied Ichthyology)

(Fisheries Culture, Nutrition and Pathology)

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.** Discuss on the breeding strategies of fish and which gactors are responsible for induced breeding.

2. Explain Scope of aquaculture for sustainable livelihood.
3. What is integrated fish farming? Explain in detail.
4. Give a detail account of nutritional requirements of fish.
5. Discuss the major viral disease affecting fin fish in aquaculture, including their causative agent, clinical sign, diagnostic method and preventive measure.

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 difference between Bundh and Hapa breeding.
2. Write about the role of plankton in the survival and growth of Fry.
3. What are the factors responsible for growth?
4. Explain the various factors responsible for induced breeding.
5. Briefly describe about Polyculture of carps.

6. What is exotic species in aquaculture? Write the scientific names of two exotic fish.
 7. What is a feed and feed formulation? Explain.
 8. Write a short note on manuring (organic & inorganic) & liming of fish pond.
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