

C285

Total Pages : 3

Roll No.

ZO-554 (B)

Applied Aquaculture

M.Sc. Zoology (MSCZO)

2nd Year Examination, 2022 (June)

Time : 2 Hours]

Max. Marks : 80

Note : This paper is of Eighty (80) 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 Twenty (20) marks each. Learners are required to answer any Two (02) questions only.

(2×20=40)

1. Give the brief discussion on fish feed and feeding strategies.

2. Briefly describes the importance of Zooplankton and Phytoplankton in aquaculture.
3. Describe the Aquaculture farm design & construction.
4. Explain the fresh water fish farm and its management.
5. Give the brief discussion on water and soil quality management.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Ten (10) marks each. Learners are required to answer any Four (04) questions only. (4×10=40)

1. Explain the Polymerase Chain Reaction (PCR).
2. Briefly discuss on the protozoan disease of fishes.
3. Give the Economic important of pearl culture.
4. Discuss on the general mechanism of replication of DNA.
5. Write a short note on the Aquatic pollution.

6. Briefly discuss on the control of Weeds, Pests & Predators.
 7. Describe the Byproduct of fish.
 8. Briefly describe the induced breeding technique in different carp species.
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