

624

Total Pages : 3

Roll No. -----

ZO-554 (B)

Applied Aquaculture

M.Sc. Zoology (MSCZO-19)

2nd Year, Examination 2021 (Winter)

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 x 20 = 40]

P.T.O.

- Q.1. Describe the fishery resources in India?
- Q.2. Write an essay on parasitic diseases of fish?
- Q.3. Briefly describe the importance of Zooplankton and Phytoplankton in aquaculture?
- Q.4. Describe the method and control of Weeds, Pests and Predators?
- Q.5. Give the brief discussion on fish feed and feeding strategies?

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 x 10 = 40]

- Q.1. Briefly describe the induced breeding technique in different carp species?
- Q.2. Explain the Induced breeding technique in different carps?
- Q.3. Explain the Polymerase Chain Reaction (PCR).
- Q.4. Describe the Byproduct of fish?
- Q.5. Describe the different types of manure used in aquaculture?
- Q.6. What are the important factors in the construction of an ideal fish pond culture?
- Q.7. Write a short note on Indian Major Carp (IMC)?
- Q.8. Give the Economic important of pearl culture?
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