



WEST BENGAL STATE UNIVERSITY

B.Sc. Honours 2nd Semester Examination, 2020

IFFACOR04T-INDUSTRIAL FISH AND FISHERIES (CC4)

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.*

1. Answer any **seven** questions from the following: 2×7 = 14
- (a) What are the differences between intensive and extensive fish culture?
 - (b) Write the basic ecological features of hydrothermal vent.
 - (c) Comment on biofouling in cage culture.
 - (d) What do you mean by open sea fish farming?
 - (e) Write the role of coral in marine ecosystem.
 - (f) Give the scientific names of two culturable crab species of India.
 - (g) Write the scientific names of pearl spot and milk fish.
 - (h) Briefly mention the importance of sea weeds.
 - (i) Define blind and open estuary.
2. Write short notes on any **two**: 3×2 = 6
- (a) Life cycle of *Penaeus indicus*
 - (b) Major issues and challenges in brackish water ecosystem
 - (c) Aquaculture importance of echinoderm
 - (d) Prospect of crab culture in India.
3. Answer any **four** questions from the following: 5×4 = 20
- (a) Write the intensive culture of *Penaeus monodon*. 5
 - (b) Briefly describe the culture technique of milk fish in pond. 5
 - (c) What is the difference between mussel and clam? Describe briefly the spat collection of Pearl oyster. 2+3
 - (d) Define neritic and oceanic zone in marine system. Briefly describe the problem and prospect of lobster culture in India. 2+3
 - (e) Describe the different culture techniques of sea weeds in India. 5
 - (f) Write the scientific name of cobia and its importance in aquaculture. Describe briefly the cage culture of sea bass. 2+3

N.B. : *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

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