

CSM—31/22

FISHERY SCIENCE

PAPER—II

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this margin.**

Time : 3 Hours

Full Marks : 250

*The figures in the right-hand margin indicate marks.
Candidates should attempt **any 10 (ten)** questions of
GROUP—A with word limit of 250 words and should
attempt **any 5 (five)** questions from **GROUP—B**
with word limit of 300 words.*

GROUP—A

Answer *any 10* questions out of 12 questions : 15×10=150

1. Discuss on the types of fish hatchery.
2. Write down about induced breeding of carps.
3. Describe the soil and water quality parameters of shrimp culture.
4. Write a note on mullet culture.
5. Discuss about common protozoan diseases in carps.
6. Comment upon the life cycle of *Dibothricephalus latus*.
7. Describe the common vaccine used in aquaculture.
8. Differentiate between Gynogenesis and Androgenesis.
9. Discuss on the types of twines and ropes.
10. Comment upon the types of freezer used for fish preservation.
11. Describe the amino acids, vitamins and minerals found in fishes.
12. Discuss on the principles of thermal processing.

GROUP—B

Answer *any* 5 questions out of 6 questions :

20×5=100

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write on
this margin.**

1. Describe the algal culture as live feed for shellfishes.
2. Describe the broodstock management of freshwater prawn.
3. Discuss upon the common parasites causing disease in fish.
4. Write down the types of marine engines used for fish catching.
5. Discuss the methods of chilling used in fish processing.
6. Describe the protein denaturation and lipid oxidation.

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