

SEAL

**F/O/R/EXAMS
2020**

400034

FISHERY SCIENCE

PAPER—II

Time : 3 hours]

[Full Marks : 100

- Notes :** (i) Answer the questions as directed.
(ii) The figures in the right-hand margin indicate full marks for the questions.

SECTION—A

(Fishery Technology)

1. What is freezing? Why is quick freezing more desirable than slow freezing? What physical changes occur in fish during freezing? 2+3+5=10

2. Write short notes on the following (any five) : 4×5=20
 - (a) Classification of proteins
 - (b) Solar drier
 - (c) Extruder
 - (d) Trawler
 - (e) Canning
 - (f) Fish silage

SEAL

SEAL

3. Answer the following (any one) : 10

- (a) What are the different types of gear used in sea, rivers and reservoirs?
- (b) Define HACCP. Give an account of the principles of HACCP.
- (c) Give an account on the prevailing crafts and gear used in north-eastern part of India.

SECTION—B

(Fishery Economics and Management)

4. What is marketing and why is it important? Give an overview of the prevailing fish marketing system in NE India. 4+6=10

Or

Give a general account on the problems and prospects of fisheries financing in NE India. 10

5. Write short notes on the following (any four) : 5×4=20

(a) World Bank

(b) NABARD

(c) NFDB

(d) Asian Development Bank

(e) IRR

(f) NPV

(g) WTO

6. Give an account on Exclusive Economic Zone of India. 10

SECTION—C

(Fishery Extension)

7. What are the different fisheries extension techniques in vogue? 10

Or

Give a note on different types of communication method and their limitations. 10

8. Write short notes on the following (any five) : 2×5=10

(a) ICT

(b) ATMA

(c) ICAR

(d) SHG

(e) Extension

(f) Method demonstration

(g) Mass contact method