

PG 1st Semester Examination, 2024

FISHERIES SCIENCE

(Fisheries Technology and Harbour Engineering)

PAPER – FSC-106

Full Marks : 25

Time : 1 hour

Answer **all** questions

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

GROUP – A

1. Answer any *two* of the following : 2 × 2

(a) What is catch sensor ? Where it is found ?

(b) Differences between active and passive fishing with examples.

- (c) What is Bycatch Reduction Device (BRD) ?
- (d) Write name of four popular traditional fishing gears used in West Bengal.

GROUP – B

2. Answer any *two* of the following : 4 × 2

- (a) Write a brief note on life saving appliances used in fishing vessels.
- (b) Briefly explain different factors influencing the design of fishing craft.
- (c) Briefly discuss the types and characteristics of an ideal float.
- (d) Write a note on gear selection and its impact on aquatic ecosystem.

GROUP – C

3. Answer any *one* of the following : 8×1

(a) What is fishing harbor ? Briefly describe the preliminary investigation for construction of fishing harbor. Give an account on public health hygiene and waste disposal in the fishing harbor. $1\frac{1}{2} + 2\frac{1}{2} + 4$

(b) Write a short note on : $4 + 4$

(i) Echo-sounder

(ii) Fishing Vessel Monitoring System.

[Internal Assessment – 5 Marks]
