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B.F.Sc./5th Sem /25

2025

5th Semester Examination

4-Years B.F.Sc.

Paper : BFSC-509

(Fishing Gear Technology)

Dayan.

Full Marks : 50

Time : Two Hours

*The figures in the margin indicate full marks.  
Candidates are required to give their answers  
in their own words as far as practicable.*

**Group - A**

1. Answer any *ten* questions :  $2 \times 10 = 20$

- (a) Point out the criteria for ideal fishing gear.
- (b) Mention the importance of closed fishing season in coastal West Bengal.
- (c) What is Ghost fishing?
- (d) What do you mean by overfishing?
- (e) What is anchor? State its importance.
- (f) What do you mean by yarn and twine?
- (g) What is BRD?

P.T.O.

- ✓(h) How does active gear differ from passive fishing gear?
- ✓(i) What is Bobbin?
- ✓(j) What are auxiliary fishing gears?
- ✓(k) Define knot.
- ✓(l) What is tailoring method?
- ✓(m) How does a tickler chain help in fishing?
- ✓(n) Define line fishing.
- (o) Draw a suitable diagram of a beach seine and label its parts.



**Group - B**

2. Answer any *six* questions :

5×6=30

- ✓(a) Briefly discuss different types of fishing gear accessories.
- ✓(b) What is float? Give examples of six (6) fishing gears where floats are used. 2+3
- ✓(c) Discuss about local fishing method in inland sector by using traditional gear in West Bengal.
- ✓(d) What is trawling or trawl net? Briefly describe different types of trawl net used in fishing. 2+3
- (e) Write down the principle and applications of TED?.

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(f) Point out different parts of an anchor with suitable diagram.

✓(g) Write the physical properties of good netting materials.

(h) Mention the characteristic features of gill net. Write its potentiality in fishing. 3+2

✓(i) Describe the impact of mesh size regulation on sustainable fishing practices in India.

(j) What is rope? Briefly describe methods of construction of ropes. 2+3

