

Total Pages : 3

B.F.Sc./3rd Sem/25

2025

3rd Semester Examination

4-Years B.F.Sc.

Paper : BFSC-308

(Inland Fisheries)



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) Define cold-water fishery and give two examples of cold-water species.

(b) Mention any two database sources used for compiling global inland fish production statistics.

(c) Define natural lake fishery and give one example from India.

(d) State the current fish production from riverine waters in India.

(e) What do you mean by stock assessment?

(f) Distinguish between lotic and lentic aquatic system.

(g) Write the scientific name of Indian shad and Indian river shad.

(h) State two major challenges influencing Inland fishery productivity in India.

(i) What is sport fish? Cite examples.

(j) Write the name of four major reservoirs found in India.

(k) What do you mean by floodplain? What is the current status of floodplain fishery exploitation in India?

(l) Differentiate positive estuary from negative estuary.

(m) Point out the difference lake from pond.

(n) Mention the name of four traditional fishing gear operated in West Bengal.

(o) Write two major fishing threats affecting the ecosystem of the Hooghly-Matlah estuary.

Group - B

2. Answer any **six** questions :

5×6=30

(a) Give a brief account on the present status of Indian reservoir fisheries.

(b) Describe the origin and fishery resources of Ganga riverine system.

1 wo - 5000 2+3

moderly



(3)

(c) Differentiate between active and passive fishing gear with examples and mention factors influencing gear selection in Inland fisheries. 2+3

(d) Briefly explain the ecological adaptation of cold water fisheries.

(e) Why is estuarine ecosystem more productive than other aquatic ecosystem? Explain.

(f) Describe the major brackish water lakes of India and their fisheries potential. 2+3

(g) Write a brief note on Inland fishery resources of India.

(h) Discuss the problems of riverine fisheries in India.

(i) Give an account of present status of sports fishing in India.

(j) Describe different crafts used in Inland fishing of West Bengal.
