

2023

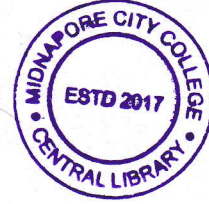
BFSC 5th Semester Examination

(Marine Fisheries)

PAPER — BFSC-506

Full Marks : 50

Time : 2 hours



Indrojit

The figures in the right-hand margin indicate marks.

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

Illustrate the answers wherever necessary.

1. Answer any **ten** from the following questions :
2×10=20

(a) Write the names of the Maritime states and
Union Territories of India.

(b) Define anchovy with proper examples.

(c) Write the name of the important fishing
gear which is used to catch the oil sardine
and tuna fish in India.

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(Turn Over)

(2)

- (d) Write a note on the closed fishing season imposed in the marine water of India.
- (e) Enlist the names of fishing crafts used in the Ganjam coast.
- (f) Write the scientific names of Big Eye Tuna and Skip Jack Tuna.
- (g) What do you mean by active fishing season?
- (h) What is the abyssal benthic zone of the marine ecosystem?
- (i) Differentiate between photic and aphotic zone of ocean.
- (j) Define seaweeds with proper examples.
- (k) Define brackish water.
- (l) Write a note on Chank fishery.
- (m) State the chemical composition of seawater.
- (n) Write the name of two plankton responsible for light or bright green water colour.



(3)

- (o) What are the current annual landings and average growth rate of marine fisheries in India?
2. Answer any six from the following questions :
5×6=30
- (p) Define upwelling and downwelling with proper diagram. 5
- (q) Write down the present profile of Indian Marine Fisheries. 5
- (c) Name the classifications of fishing zone in the marine environment. 5
- (d) Write a brief note on Exclusive Economic Zone. 5
- (e) Write the names of different components of GPS. State the application of GPS in fisheries. 2+3=5
- (f) Briefly explain the environmental factors which influence marine habitat. 5
- (g) Classify trawl nets and draw schematic diagram of trawl net with proper labelling. 3+2=5
- (h) Mention the present status of total world fisheries and aquaculture production, utilization and trade. 5

(4)

(i) Mention the production trends and means of exploitation of Bombay duck fish. 2+3=5

(j) Explain the common features of pelagic fisheries with one example. 5

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