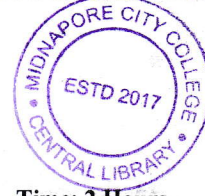


PG (CBCS)
M.Sc. Semester-I Examination, 2022
FISHERIES SCIENCE
PAPER: FSC 101



Full Marks: 40

Time: 2 Hours

Write the answer for each unit in separate sheet

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

UNIT - FSC-101.1
FISHERIES RESOURCE MANAGEMENT

GROUP-A

Answer any **TWO** questions from the following:

2×2 = 4

1. Mention the name of two important reservoirs of India.
2. Write the name of two cultivable species of fish in freshwater other than carps.
3. Mention the name of two exotic cold-water fishes in India.
4. What are the pelagic and demersal fishes?

GROUP-B

Answer any **TWO** questions from the following:

2×4 = 8

1. Briefly explain the riverine system of East Coast of India.
2. State main criteria for selection of fish for fish breeding.
3. Add a note on fishery resources of Hooghly-Matlah Estuary.
4. Describe the causes of decline of riverine fishes in India.

GROUP-C

Answer any **ONE** question from the following:

1×8 = 8

1. Briefly narrate the major objectives of aquaculture from human perspectives? State the present production status of fish in inland and marine sectors in India? 6+2
2. What is reservoir? Briefly explain the stock enhancement of the reservoirs. Add a note on the problems of reservoir fisheries. 2+4+2

P.T.O.

(2)

UNIT - FSC-101.2**FISHERIES LEGISLATION AND BIOINFORMATICS****GROUP-A****Answer any TWO questions from the following:****2×2 = 4**

1. Mention the objectives of MPEDA?
2. Write down two major applications of AI in aqua farming?
3. Mention the maritime states of India?
4. Mention the name of two important softwares used in fisheries.

GROUP-B**Answer any TWO questions from the following:****2×4 = 8**

1. What are the regulations related to fishing by foreign vessels in India?
2. State the roles of coast guard in Indian EEZ?
3. State the role of information and communication technology in fisheries sectors?
4. Discuss on the Coast Guard Act, 1978.

GROUP-C**Answer any ONE question from the following:****1×8 = 8**

1. What are the main of Indian Fisheries Act, 1897?
2. Discuss the important bioinformatics tools used in fisheries sectors.

