

PG CBCS
M.Sc. Semester-I Examination, 2021
FISHERIES SCIENCE
PAPER: FSC 103
(CORE COURSE)

Full Marks: 40

Time: 2 Hours

Write the answer for each unit in separate sheet

UNIT: 1

Freshwater Fisheries Resources

Answer any TWO questions from the following:

2X10 = 20

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| 1. What is reproduction? How do you differentiate male and female fishes? | 4+6 |
| 2. What are the main reproductive strategies adopted by the fish? Define fecundity. | 7+3 |
| 3. Describe buccopharyngeal modifications of different five fishes. | 10 |
| 4. Discuss lymphatic system of any fish with diagram. | 10 |
| 5. Give an account on the structure and functions of fish pituitary gland. | 10 |

UNIT: 2

Saline water Fisheries Resources

Answer any TWO questions from the following:

2X10 = 20

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|---|-----|
| 1. Write down the structure of external appendages of prawn and state their functions with suitable diagram. | 6+4 |
| 2. Give an account on the cardiovascular system of any prawn with diagram. | 10 |
| 3. Describe digestive system of any edible mollusc with diagram. | 10 |
| 4. What are the main parts of excretory organ in freshwater prawn? Draw and label the structure of excretory organ of freshwater prawn. | 4+6 |
| 5. Give a brief account on endocrine system of freshwater mussel. | 10 |
