

PG CBCS
M.Sc. Semester-I Examination, 2021
FISHERIES SCIENCE
PAPER: FSC 104
(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

1. Define Index of Biotic Integrity in the field of biodiversity and conservation. What is the significance of Biodiversity indices? 5+5
2. Discuss different insitu and exsitu fish conservation mode. 10
3. Enumerate the biology of lates calcarifer. 10
4. Define biotic potential. Mention the level of ecological hierarchy. What is population fluctuation? 4+3+3
5. Write down the different causes of declining for global biodiversity. 10

UNIT: 2

Saline water Fisheries Resources

Answer any TWO questions from the following:

2X10 = 20

1. Give an account on the fisheries information forecasting system through remote sensing technology. 10
2. Define Reversing Thermometer. What is the meaning of CTD in the field of Oceanography? Define XBT. 4+3+3
3. Mention causes of ocean tide. How ocean current influence fish productivity in ocean? What is the full form of NOAA & AVHRR. 3+5+2
4. Discuss different zonation's of ocean with special emphasis on Indian Ocean. 10
5. Discuss the temperature and salinity gradient according ti the depth of the ocean. 10
