

Total No. of Printed Pages: 02

**SUBJECT CODE NO:- 2235**  
**FACULTY OF SCIENCE AND TECHNOLOGY**  
**B.Sc. S.Y (Sem-IV)**  
**Examination March/April-2022 (To Be Held In June/July-2022)**  
**Fishery Science Paper-XI**  
**Fish Technology and Population Dynamics**

[Time: 1:53 Hours]

[Max. Marks:50]

Please check whether you have got the right question paper.

N.B

- Q.1 Describe any four fishing crafts used in India. 20  
 OR  
 Write an essay on any four fishing nets used in India. 20
- Q.2 Explain in details preservation and processing of fish methods. 20  
 OR  
 Write short notes on any four of the following 20
- Masula
  - Preservation of gears
  - Fish traps
  - Population dynamics
  - Mechanical and electrical installation
  - Maintenance of boats
- Q.3 Multiple choice questions 10
- \_\_\_\_\_ used extensively on the Coromandel Coast.
    - Catamaran boat
    - Masula boat
    - Tuticorin boat
    - Dinghy boat
  - The catamaran type boat is mainly used in the coastal water of \_\_\_\_\_.
    - Andra Pradesh
    - Puri districts in Orissa
    - Tamil Nadu
    - West Bengal
  - The catamaran type boat is mainly used in the coastal water of \_\_\_\_\_.
    - $11 \times 2 \times 1m$
    - $14 \times 3 \times 1m$
    - $12 \times 4 \times 2m$
    - $15 \times 6 \times 2m$
  - The nets are generally used in summer season, where river water becomes shallow called \_\_\_\_\_

- a) Cast net
  - b) Triangular net
  - c) Drag net
  - d) Fixed net
5. The cast net is called in eastern up district are \_\_\_\_\_
- a) Ghangaria net
  - b) Shangla net
  - c) Purse –seine
  - d) Gill net
6. Microbial action involves chiefly \_\_\_\_\_ of the fish flesh .
- a) Fungal spoilage
  - b) Bacteria spoilage
  - c) Protozoan spoilage
  - d) Chemical action
7. \_\_\_\_\_ is a complicated process and require considerable establishment
- a) Salting
  - b) Drying
  - c) Freeze –drying
  - d) Smoking
8. Fish \_\_\_\_\_ is the population size per unit of space (area or volume)
- a) Population structure
  - b) Population function
  - c) Population density
  - d) Population estimation
9. The object of \_\_\_\_\_ is to remove moisture [dehydration] from fish tissues.
- a) Salting
  - b) Smoking
  - c) Canning
  - d) Drying
10. The counting of all the fisher in a population \_\_\_\_\_
- a) Corrected method
  - b) Indirect method
  - c) Direct count method
  - d) Regression method.