

Total No. of Printed Pages:02

SUBJECT CODE NO:- B-2229
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. S.Y (Sem.-IV) Examination OCT/NOV 2019
Fishery Science Paper-XI
Fish Technology and Population Dynamics

[Time: 1:30 Hours]

[Max.Marks:50]

Please check whether you have got the right question paper.

N.B

- 1) Attempt all questions.
- 2) Illustrate your answer with suitable diagram.

Q.1 Give an account of fishing crafts used in India. 20

OR

Describe the fishing gears used in India. 20

Q.2 Explain in detail structure and estimation of fish population. 20

OR

Write short note on any four:- 20

- a) Hooks, lined and fishtraps
- b) Preservation of gears
- c) Chilling and freezing
- d) Temple fixation
- e) Maintenance of boats
- f) Population dynamics

Q.3 Multiple Choice Questions:- 10

1) It comprises 4 to 5 logs tied to together into a tilted structure, to form a -----

- a) Padava b) raft c) dinghi d) Patiya

2) ----- is also a carved model, measuring $11 \times 2 \times 1M$.

- a) Catamaran b) Masula c) Tuticorin d) Nauka

3) ----- is a complicated process and requires considerable establishment.

- a) Salting b)Freez-drying c) smoking d) drying

4) ----- is made up of 3 logs.

- a) Masula b) catamaran c) Nauka d) dinghi

5) Naukas are well-designed large boats measuring -----

- a) $12 \times 12 \times 2M$ b) $13 \times 13 \times 2M$ c) $10 \times 10 \times 2M$ d) $11 \times 11 \times 2M$

6) The -----is in eastern U.P. districts are called ghagara net.

- a) Giu net b) bag net c) cast net d) purse net

- 7) The nets used in summer season, where river water becomes shallow, called -----
 - a) Cast net b) drag net c) fixed net d) triangular net

- 8) The object of ----- is to remove moisture (Dehydration) from fish tissues.
 - a) Salting b) drying c) smoking d) canning

- 9) Microbial action involves chiefly ----- of the fish flesh.
 - a) Bacterial spoilage b) Fungal spoilage
 - c) Protozoan spoilage d) Chemical action

- 10) Fish ----- is the population size per unit of space.
 - a) Population structure b) Population fluctuation
 - c) Population estimation d) Population density