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SUBJECT CODE NO:- 2152
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. F.Y (Sem-II)
Examination March/April-2022 (To Be Held In June/July-2022)
Fishery Science Paper-IV
Fish Ecology and Adoption

[Time: 1:53 Hours]

[Max.Marks:50]

Please check whether you have got the right question paper.

- Q.1 Describe Ecology of Managed fish form. 20
 Explain in details trophic levels of fish in food chain. 20
- OR
- Q.2 Give an account on adaptation in hill stream fishes. 20
 Write a short notes (Any four) 20
- a) Density and pressure of the water
 - b) Anadromous migration
 - c) Gases in solution
 - d) Adaptation in Exotic fishes
 - e) Salt content
 - f) Prey-predator relationship
- Q.3 M.C.Q. 10
- 1) _____ hill stream fish generally possess long, narrow, bond shaped caudas, peduncle
 - a) Labco
 - b) cyprinus
 - c) catla
 - d) glyptothorax sps
 - 2) Alimantal migration means in search of _____
 - a) climate
 - b) food & water
 - c) Reproduction
 - d) None of these
 - 3) The littoral zone is populated by _____
 - a) nekton
 - b) plankton
 - c) Benthos
 - d) All of the above
 - 4) The flesh eating animals are _____
 - a) vegetarians
 - b) arthropoda
 - c) Rodentia
 - d) Carnivorous
 - 5) Tilapia mossambica breeds _____
 - a) one's in the year
 - b) three in the year
 - c) thrice in the year
 - d) through out the year

- 6) Normal pH range of fresh water is _____
- a) 7-8
b) 7.5 to 9.5
c) 10.5 to 12.0
d) 9.0 to 10.0
- 7) *Leptocephalus* mean's _____
- a) Large head
b) No head
c) Middle head
d) small head
- 8) *Schizothorax* is belonging to family _____
- a) siluridae
b) mugilidae
c) cyprinidae
d) channidae.
- 9) *Carassus carassus* is commonly known as _____
- a) tort fish
b) black fish
c) bulb fish
d) gold fish
- 10) Lotic water means _____
- a) standing water
b) freeze water
c) flowing water
d) none of these