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SUBJECT CODE NO:- B-2126
FACULTY OF SCIENCE & TECHNOLOGY
B.Sc. F.Y. (Sem-I)
Examination November/December- 2022
Fishery Science Paper-I
(Morphology & Taxonomy)

[Time: 1:30 Hours]

[Max. Marks:50]

“Please check whether you have got the right question paper.”

Q.1 Describe in detail gill arch theory. 20

OR

Explain in Locomotion and add a note on type of Locomotion in Fishes.

Q.2 Explain in detail Evolution of Fishes. 20

OR

Write short notes (any four)

- a) Classification of Fish by Berg.
- b) Lam prays
- c) Salient features of Holocephali.
- d) General characters of Lung Fishes.
- e) General characters of Sharks & Rays.
- f) Cycloid Scale.

Q.3 M.C.Q. 10

1. Fishes able to breath in air _____
 - a) Estuarine fishes
 - b) fresh water fishes
 - c) Marine fishes
 - d) Dipnoi
2. In fishes the jaws are adapted for _____
 - a) Manipulating food
 - b) Defense
 - c) Grasping
 - d) All of these
3. In fishes the locomotion is due to _____
 - a) Caudal fin
 - b) Paired fin
 - c) Both
 - d) None of these

4. Fishes are _____
 - a) Eurytherm's
 - b) Stenotherms
 - c) Homoiothems
 - d) Poikilothems

5. Members of the class Teleostomi have _____
 - a) Protocercal
 - b) Homocercal
 - c) Diphycercal Tail
 - d) None of the above

6. Cartilaginous fishes are characterized by the presence of _____
 - a) Homocercal tail
 - b) Terminal mouth
 - c) Ventral mouth
 - d) Heterocercal tail

7. In which of the following group the operculum is present
 - a) Holocephali
 - b) Elasmobranch
 - c) Dipnoi
 - d) All the above

8. Lung fishes are found in _____
 - a) New Zealand
 - b) Arabia
 - c) South Africa
 - d) India

9. Cartilaginous fishes are different from bony fishes in _____
 - a) Male without claspers
 - b) Accessory respiratory devices
 - c) Not having air bladder
 - d) None of the above

10. The fish change its direction suddenly by _____
 - a) Pelvic fins
 - b) Pectoral fins
 - c) Caudal fin
 - d) None of these