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SUBJECT CODE NO:- 2127
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. F.Y Sem. I
Examination March/April-2022 (To Be Held In June/July-2022)
Fishery Science Paper-II
Anatomy and Physiology

[Time: 1:53 Hours]

[Max. Marks:50]

Please check whether you have got the right question paper.

- Q.1 Describe in detail of Axial skeleton in fishes. 20
 Describe in detail digestive system in fishes. 20
 OR
- Q.2 Explain in detail structure & function of gills in fishes. 20
 Write short notes (Any Four) 20
 OR
- a) Osmoregulation.
 - b) Pituitary gland.
 - c) Cranial nerves.
 - d) Structure of Heart
 - e) Maturation and spawning.
 - f) Trunk Vertebra.
- Q.3 Multiple choice questions 10
- 1) Heart in fishes-----
 a) Two chambered b) Four chambered c) Three chambered d) Six chambered
 - 2) Excretory products of fishes are -----
 a) T.M.O. b) Ammonia c) Urea d) All of these
 - 3) Most fishes, Amphibians and reptiles are -----
 a) Oviparous b) Homiothermal c) Viviparous d) Scaly
 - 4) In fishes. The kidney is -----
 a) Holonepheos b) Mesonephros c) Prophephros d) Metanephros.
 - 5) Air bladder in a fish does not help in
 a) Respiration b) Excretion c) Movement d) Sound production
 - 6) Lateral line system is well developed in -----
 a) Larve of fishes b) Labeo c) scoliodon d) All elasmobranch and Teleostas

- 7) In fishes the Axial. Skelton is made up of -----.
a) Cartilage b) Bones only c) Bones and cartilage d) None
- 8) In Scoliodon the teeth are of -----
a) Pleurodont type b) Homodont c) Heterodont d) Thecodont type.
- 9) Fishes having sensory barbells around the mouth are called-----
a) Cat fishes b) Purlocalpine fishes c) Dog fishes d) Rat fishes.
- 10) Sting rays carry a poison sting on there -----
a) Mouth b) Tail c) Head d) Fin.