SUBJECT CODE NO:-B-2127
FACULTY OF SCIENCE & TECHNOLOGY
B.Sc. F.Y. (Sem-I)
Examination November/December- 2022
Fishery Science Paper-II
Anatomy and Physiology

[Time: 1:30 Hours]   [Max. Marks:50]

"Please check whether you have got the right question paper."

N.B

Q.1   Explain in detail appendicular skeleton.   20

OR

Explain in detail Cranial nerves in fishes.

Q.2   Describe in detail male reproductive system in fishes.   20

OR

Write short notes (Any four)
  a) Heterocircle tail
  b) Thyroid gland
  c) Structure of kidney
  d) Digestive gland
  e) Structure of Brain
  f) Blood and its components.

Q.3   M.C.Q.   10

  1. Young ones of a fish is called _____
     a) Fry
     b) Nymph
     c) Larva
     d) None

  2. In fishes the cranial nerves are _____
     a) Twelve pairs
     b) Six pairs
     c) Ten pairs
     d) Nine pairs

  3. How many pairs of Gill slits are present in fish _____
     a) Five to six
     b) Two – Three pairs
     c) Three – Four pairs
     d) Five – seven pairs

4. In fishes heart comprises _____
   a) One auricle and one ventricle
   b) Sinus venosus and ventricle
   c) Sinus venosus, auricle and ventricle
   d) Sinus venosus, auricle and two ventricle

5. Which term includes the other three _____
   a) Digestion
   b) Circulation
   c) Synthesis
   d) Metabolism

6. Which of the following is a sense organ _____
   a) Olfactory
   b) Liver
   c) Kidney
   d) Heart

7. Lateral line organs are composed of _____
   a) Motor nerves
   b) Myotomes
   c) Neuromasts
   d) None of these

8. Excretion means _____
   a) Sweating
   b) Defecation
   c) Getting red of west metabolic bio product.
   d) Removing excess water from the body.

9. Gill rackers present on _____ margin of each gill arch.
   a) Inner
   b) Outer
   c) Central
   d) None of these

10. The posterior lobe of pituitary gland controls _____
    a) The gonads
    b) Thyroid glands secretion
    c) Pigment cell
    d) The concentration of smooth muscles.

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