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**SUBJECT CODE NO:- 2126**  
**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-I**  
**(Morphology & Taxonomy)**

[Time: 1:53 Hours]

[Max. Marks:50]

Please check whether you have got the right question paper.

- Q.1 Explain in detail origin of cartilaginous fish. 20  
 OR  
 Describe the structure and systematic position of fishes among chordates. 20
- Q.2 Give an account of systematic position of fishes among chordates. 20  
 OR  
 Write short notes (any four) 20
- General characters of fishes.
  - Placid scales
  - Types of caudal fin.
  - Seep of travels in fishes.
  - Affinities with cyclostomes
  - Fin fold theory
- Q.3 Multiple Choice questions. 10
- Elasmobranchs are exclusively -----  
 a) Marine water b) Brackish water forms. c) Fresh water d) none of these.
  - Where are lampreys born-----  
 a) In brackish water b) In the ocean c) In fresh water d) All of these
  - Which of the following are best gnathostomes  
 a) Fish b) mammals c) Amphibians d) Aves.
  - Which of the following is a scale less fish.  
 a) Labeo b) cat fish c) scoliodon d) Amiea.
  - A fish is characterized by the presence of -----  
 a) Pharyngeal fill b) Dermal scales. C) Paired fins d) All the above.
  - Extinct fishes are included in -----  
 a) Crossopteryogii b) Elasmobranch c) actinopterygii d) Placodermi

- 7) In sharks, the scales are -----
  - a) Placoid
  - b) Rhombiod
  - c) cycloid
  - d) ctenoid
- 8) Which one is commonly called as king of herrings?
  - a) Chimara
  - b) syngnathus
  - c) Echenies
  - d) None
- 9) Fishes are available in -----
  - a) Esteriane water
  - b) fresh water
  - c) Marine water
  - d) All of the above.
- 10) Viviparity is seen in -----
  - a) All fresh water telecasts
  - b) scoliodon
  - c) Labco
  - d) All marine telecasts.