

SUBJECT CODE NO: - B-2006

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. Pattern - 2013 (F.Y SEM I)

Examination November / December 2025

Fishery Science Paper-I (Morphology & Taxonomy)

[Time: 1:30 Hours]

[Max. Marks:50]

Please check whether you have got the right question paper.

N. B

- 1) Attempt all questions.
- 2) Illustrate your answer with Suitable labelled diagram.

Q1 Describe fin's and locomotion and add a note on speed of travels.

20

OR

Give an account of systematic position of fishes among chordates.

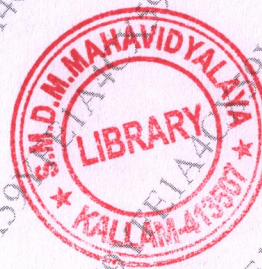
Q2 Give an account on flag fishes and add a note on affinities of cyclostomes.

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OR

Write Short Notes: (ANY FOUR)

1. Gill arch notes (Any four)
2. Affinities with Dipnoi
3. Classification of fishes by Berg
4. Origin of Bony fishes
5. Salient features of Holocephali
6. Placoid scales



Q3 Multiple Choice Question.

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1. Fishes able to breathe in air _____.
 - a) Estuarine fishes
 - b) Fresh water fishes
 - c) Marine fishes
 - d) Depnoi
2. Elasmobranchs are exclusively _____.
 - a) Brackish water
 - b) Fresh water
 - c) Marine water
 - d) None of these
3. Which of the following are first & Gnathostomes?
 - a) Fish
 - b) Mammals
 - c) Amphibians
 - d) Aves
4. Which of the following is a scale less fish?
 - a) Labeo
 - b) Catla
 - c) Dogfish
 - d) Catfish
5. A fish is characterized by the presence of _____.
 - a) pharyngeal gill
 - b) Paired fins
 - c) Dermal scales
 - d) All of the above

6. Extinct – fishes are included in _____.
a) crossopterygii b) elasmobranch
c) actinopterygii d) placodermi
7. In Labeo the scales are _____.
a) cycloid b) ctenoid c) placoid d) Rhmboid
8. Fishes are available in _____.
a) Fresh water b) Estuarine water
c) Marine water d) All of the above
9. The fish change its direction suddenly by _____.
a) pelvic fin b) pectoral fin c) caudal fin d) None of these
10. Which one of these is a vertebrate.
a) prawn b) crab c) fish d) bivalve

