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25-ZO-43-A

**M.Sc. IV SEMESTER [MAIN/ATKT] EXAMINATION
MAY - JUNE 2025**

ZOOLOGY

Paper - III

[Ichthyology (Fish Structure and Functions)]

[Max. Marks : 75]

[Time : 3:00 Hrs.]

[Min. Marks : 26]

Note : Candidate should write his/her Roll Number at the prescribed space on the question paper.
Student should not write anything on question paper.
Attempt all five questions. Each question carries an internal choice.
Each question carries **15 marks**.

Q. 1 Give classification of Fishes as proposed by Berg.

OR

Write an essay on origin of Paired Fins.

Q. 2 Define Air Bladder. Describe its structure and function.

OR

Draw only labelled diagram of Cranial Nerves of a Teleost Fish.

Q. 3 Describe the osmotic regulation in freshwater and marine fishes.

OR

Write an essay on coloration In fishes.

Q. 4 Describe the sound producing organs and their significance in fishes.

OR

Define adaptation and describe deep sea adaptational features in fishes.

Q. 5 Give an account of male reproductive organs of Teleost.

OR

Write short notes on –

i) Fecundity

ii) Hatching