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**NA—126—2023**

**FACULTY OF SCIENCE**

**B.Sc. (First Semester) EXAMINATION**

**NOVEMBER/DECEMBER, 2023**

**(New Pattern)**

**FISHERY SCIENCE**

**(Ichthyotaxonomy and Ecological Adaptation–I)**

**(Friday, 22-12-2023)**

**Time : 10.00 a.m. to 12.00 noon**

*Time—Two Hours*

*Maximum Marks—40*

*N.B. :— (i) Attempt All questions.*

*(ii) Illustrate your answers with suitably labelled diagrams wherever necessary.*

1. Explain difference between cartilaginous and bony fishes. 15

*Or*

Write notes on :

(a) Electric organs in Torpedo 8

(b) Functions of skin. 7

2. Describe fish identification technique by morphometric characters. 15

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Or

Write notes on :

- (a) Types of air bladder in fishes. 8
- (b) Cycloid and placoid scale. 7
3. Write short notes on any *two* of the following :
- (a) General characters of class degnoi 5
- (b) Diadromous migration in fishes 5
- (c) Structure of Weberian ossicle 5
- (d) Unpaired fins. 5

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