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**NA—267—2023**

**FACULTY OF SCIENCE AND TECHNOLOGY**

**B.Sc. (Second Year) (Third Semester) EXAMINATION**

**NOVEMBER/DECEMBER, 2023**

**(New Pattern)**

**FISHERY SCIENCE**

**Paper—VII**

**(Fish Developmental Biology)**

**(Thursday, 28-12-2023)**

**Time : 2.00 p.m. to 4.00 p.m.**

*Time—2 Hours*

*Maximum Marks—40*

*N.B. :— (i) Attempt all questions.*

*(ii) Draw suitable diagrams wherever necessary.*

1. Describe in detail Gametogenesis in fishes. 15

*Or*

Write notes on :

(a) Gastrulation in fishes 8

(b) Fate map of blastula. 7

2. Explain the methods of age and growth determination in fishes. 15

*Or*

Write notes on :

(a) Sexual dimorphism in fishes 8

(b) Assessment of fish fecundity. 7

P.T.O.

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3. Write notes on any *two* of the following :

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- (a) Cleavages in fishes
- (b) Blastula
- (c) Parental care in fishes
- (d) Ponderal index.

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