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Roll No. ....

ID—2407

B.Sc. (Pass Course) EXAMINATION, 2022

(Fifth Semester)

ZOOLOGY—I

Code : 501

Fish and Fisheries

Time : 3 Hours

Maximum Marks : 40

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

**Note :** Attempt any *Five* questions. All questions carry equal marks.

- I. Explain the following :
- (a) EEZ
  - (b) Culture fishery

- (c) Cast net
- (d) Tuticorin boat
- (e) Induced breeding
- (f) Chank fishery
- (g) Food quotient
- (h) Stocking ponds
- (i) Polyculture
- (j) Sex reversal.

#### Unit I

2. Describe Riverine fishes.
3. Explain the following :
  - (a) Reservoir fisheries
  - (b) Present status of fish production.

#### Unit II

4. Describe the various kinds of fishing gears.
5. Explain the following :
  - (a) Process of pearl culture
  - (b) Edible molluscs.

### Unit III

6. Give a detailed account on natural fish seed resources.
7. Explain riverine spawn resource investigation technique.

### Unit IV

8. Explain the process of pond culture.
9. Explain the following :
  - (a) Cryopreservation of gametes
  - (b) Monosex culture.