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SUBJECT CODE NO: - FF-6663
FACULTY OF SCIENCE AND TECHNOLOGY
M.Sc. (Sem-III) (Zoology)
Examination January-2023
D - Fishery Science-I ZOO-313

[Time: 3:00 Hours]

[Max. Marks: 80]

Please check whether you have got the right question paper.

N. B

- 1) Question paper is divided in part 'A' and part 'B'
- 2) Part 'A' is compulsory
- 3) Attempt any five questions from the part 'B'
- 4) Draw well labelled diagram wherever necessary

PART 'A'

Q1 Attempt the following multiple choice questions.

20

- 1) Placoid scales are found in

A) Lung fisher	C) Cartilaginous fisher
B) Bony fisher	D) Paleontological fisher
- 2) Study of fishes is called as

A) Saurology	C) Ichthyology
B) Ornithology	D) Herpetology
- 3) The fish wallago is commonly called as fresh water shark because.

A) Lives in sea	C) Dangerously predatory
B) Cartilaginous	D) Resembles shark in body form
- 4) Which of the following has a cartilaginous endoskeleton

A) Dipnoi	B) Elasmobranch	C) Bony fishes	D) Mollusca
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- 5) Which of the following is surface feeder

A) Labeo rohita	B) Magur	C) Catla catla	D) Flying fish
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- 6) Induced breeding technique used in

A) Cultuse fishery	C) Captus fishery
B) Marine fishery	D) In land fishery
- 7) Dropsy is caused by which bacteria

A) Pseudomonas SP.	C) Both A & B
B) Aeromonas punctata	D) Aeromonas salmonicida

- 8) What is optimum PH level for fresh waters fish
 - A) 8 to 10
 - B) 4.5 to 6.5
 - C) 6.5 to 8
 - D) 10 to 14

- 9) If more than single species of fish is cultured in pond then it is called as
 - A) Monocultuse
 - B) Moriculture
 - C) Polyculture
 - D) Ayuaculture

- 10) Heart of fishes is
 - A) One chambered
 - B) Three chambered
 - C) Two chambered
 - D) Four chambered

PART B

Attempt any five.

- Q2 Describe general characters and classification of fresh water fishes. **12**

- Q3 Describe fresh water ecosystem. **12**

- Q4 Describe different types of pond used in fish culture. **12**

- Q5 Describe brackish water fisheries in India. **12**

- Q6 Explain induced breeding in fisheries **12**

- Q7 Describe setting and maintenance of fish aquarium. **12**

- Q8 Write note on (Any two) **12**
 - A) White spot disease
 - B) Pen culture
 - C) hatching hapa