

Total No. of Printed Pages:01

B.Sc. Course (CBCS) Ordinance Sem-V
EXAMINATION MAY 2023
ZOOLOGY- Fish And Fisheries

[Duration : 2 Hours]

[Total Marks : 60]

Instructions:

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Illustrate your answers wherever necessary.

Q.1 Answer any five of the following:

(5×2 = 10)

- a) Classify fish based on habitat.
- b) Differentiate between physostomous and physoclistous swim bladders.
- c) What is EEZ?
- d) Define fisheries.
- e) State any 2 environmental factors influencing seasonal variations in fish catches.
- f) Name any 2 methods of fish preservation.
- g) What is cage culture?

Q.2 Answer any five of the following:

(5×2 = 10)

- a) Differentiate between anadromous and catadromous migration in fishes.
- b) Draw a neat labelled diagram of a Cycloid scale.
- c) What are trawl nets?
- d) What is aquaculture?
- e) What is in-situ conservation of fishes?
- f) Name any four fishery products.
- g) State the symptoms of dropsy disease in fishes.

Q.3 A. Write an essay on locomotion in fishes

(05)

OR

A. Describe in brief modifications of the caudal fin in fishes.

(05)

B. Zebra fish is a model organism in research. Justify.

(05)

Q.4 A. Write an essay on applications of remote sensing in fisheries.

(05)

OR

A. Explain the process of induced breeding in fishes.

(05)

B. Give an account of Marine fisheries.

(05)

Q.5 A. Describe any two types of non mechanised fishing crafts.

(05)

OR

A. Differentiate between mono and poly culture systems.

(05)

B. Briefly describe extensive and intensive aquaculture.

(05)

Q.6 A. Write an essay on Brood stock management.

(05)

OR

A. Give an account of any three important fin fishes of west coast of India.

(05)

B. Write an essay on Conservation of fishery resources

(05)