

M.Sc. 2nd Semester Examination, 2025

FISHERIES SCIENCE

PAPER—FSC-204(CBCS)

Full Marks : 50

Time : 2 hours

Answer all questions

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

UNIT—I

(Fundamental of Fisheries Science)

1. Answer any two of the following questions :

2 × 2

(a) Define fish. Mention the important characteristics of a fish.

(Turn Over)

(b) Differentiate major carps from minor carps with examples.

(c) Point out the difference between agriculture and aquaculture.

(d) Name two top aquaculture producing countries in the world.

2. Answer any *two* questions from the following : 4 × 2

(a) Discuss different morphometric characters of fishes.

(b) Give an account of management of a home aquarium.

(c) Write a note on inland fisheries resources of India.

(d) State the reasons for decline trend of inland capture fisheries.

3. Answer any *one* of the following questions :

- 8×1
- (a) Classify reservoirs. Give an account of the management practices to be adopted to enhance reservoir fisheries.
- (b) How to write fin formula of a fish ? Add a note on the lateral line scale and its importance. 5 + 3

UNIT – II

(Agquaculture Management)

4. Answer any *two* of the following questions :

- 2×2
- (a) Define exotic fish. Give two examples of exotic ornamental fish.
- (b) Why are ornamental fish called living jewels ?
- (c) What do you mean by monoculture and polyculture ?

(d) Point out the difference between pen and cage culture.

5. Answer any *two* of the following questions :

4 × 2

(a) Write different components required for a home aquarium.

(b) Discuss the meristic characteristics of fishes.

(c) Write a note on sewage fed fishes.

(d) Briefly discuss on integrated fish farming and its importance.

6. Answer any *one* of the following : 8 × 1

(a) State on oviparous and viviparous ornamental fishes. Discuss the prospect of ornamental fish marketing in India.

5 + 3

(5)

(b) Define composite fish culture. Describe the methods of composite carp culture.

2 + 6

[Internal Assessment — 10 Marks]

