

M.Sc. (Part-II) Semester-III (CBCS) Examination
ZOOLOGY
(Fisheries-I (Fish Nutrition Capture and Culture Fishery))
Paper-XI (Elective Paper)

Time : Three Hours]

[Maximum Marks : 80

N.B.:— (1) All questions are compulsory.

(2) All questions carry equal marks.

(3) Draw labelled diagrams wherever necessary.

1. Explain Riverine Fisheries.

OR

Explain Estuarine Fisheries.

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2. Explain types, composition and processing of supplementary feed.

OR

Explain chemical composition and nutritional values of fish.

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3. Explain the following :

- (a) Construction and layout of ponds
- (b) Nursery pond
- (c) Methods of control of pond vegetation
- (d) Stocking pond.

OR

- (e) Classification of pond vegetation
- (f) Rearing pond
- (g) Methods of control of Aquatic Insects
- (h) Predatory Fishes.

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4. Explain the following ;

- (i) Pen culture
- (j) Types of Hatcheries
- (k) Sewage-fed fisheries
- (l) Fish culture in paddy fields

OR

- (m) Growth rate and Aging
- (n) Raceways
- (o) Length–Weight Relationship
- (p) Methods of age determination by scale reading.

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5. Write a note on following :

- (q) Prawn Fishery
- (r) Lobster fishery
- (s) Oyster fishery
- (t) Aquarium tools and accessories

OR

- (u) Crab fishery
- (v) Molluscan fishery
- (w) Ornamental fishery
- (x) Aquarium fish feed.

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