

M.Sc. (Zoology) Semester - 3 (CBCS) Examination
Oct/Nov-2021 (NEW COURSE)
Aquaculture & Fisheries Technology (Core (New))

Time: 2:30 Hours

Marks: 70

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate marks.

SECTION-1

- Que.1 Answer the Following. (Any two)** (14)
- (A) Describe scope and status of aquaculture in India and Gujarat.
(B) Classify pisces and provide some examples of commercially important species.
(C) Classify crustacea up to level of order with examples.
- Que.2 Answer the Following. (Any two)** (14)
- (A) Freshwater capture and culture fisheries in Gujarat.
(B) Write short note on lobster fisheries.
(C) Describe in detail: pearl oyster fisheries.
- Que.3 Answer any seven out of eight.** (7)
- (1) Write about importance of aquaculture.
(2) Write a few characteristics of shrimps.
(3) What is the economic importance of Mollusca?
(4) Describe deep sea fisheries in very short.
(5) Just draw any two nets.
(6) Explain about ornamental fishes in short.
(7) Name some fishing boats and places where it is used.
(8) How to maintain aquarium?

SECTION-2

- Que.4 Answer the Following. (Any two)** (14)
- (A) Make a detailed note on fish diseases and control.
(B) Induced Breeding: transport and stocking, application of hormones
(C) Explain Microbial hazards in seafood with a few examples.
- Que.5 Answer the Following.** (14)
- (A) What you had learn about fisheries by your study visits during semester three?
(B) Make a detailed note on preservation methods and fish byproducts.
- Que.6 Answer any seven out of eight.** (7)
- (1) How to tell whether a fish is fresh or not?
(2) Describe about oviparous fishes.
(3) Activity of gonadotropin releasing hormone.
(4) What are the requirements for spawning of fishes.
(5) How fisheries affect fisherman?
(6) What is the role of biopesticides in aquaculture?
(7) Which departments are there at Fisheries college Veraval?
(8) What is the effect of water pollution on fisheries?
