

M.Sc. (Zoology) Semester - 3 (CBCS) Examination**Oct/Nov. -2019 – [NEW COURSE]****Aquaculture & Fisheries Technology (Core)****Time: 2:30 Hours****Marks: 70****Instructions:**

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

- Que. 1 Answer the Following. (14)**
(A) Describe: Types of fishing boats and gears in fisheries.
(B) Classify: Crustacea or Mollusca up to order level with an examples.
- Que. 2 Answer the Following. (14)**
(A) Write note on: Lobster as marine capture fisheries.
(B) Describe: Pearl oyster fisheries or Pomfret fishery.
- Que. 3 Answer any seven. (07)**
(1) What are major carp and exotic carp?
(2) Write chief characteristics of chondrichthes.
(3) Write main responsibility of Coastal Aquaculture Authority.
(4) What is deep sea fishery?
(5) Draw labeled diagram: Hook – line net.
(6) What is marine aquarium?
(7) What is Bombay duck fishery?
(8) Write any two scientific name of fish.

SECTION-2

- Que. 4 Answer the Following. (14)**
(A) Write on: Fish diseases and control.
(B) Write on: Factors controlling induced breeding, transport and stocking, application of hormones in aquaculture.
Or Explain: Microbial hazards in seafood with examples.
- Que. 5 Answer the Following. (14)**
(A) Write on: Your visit at fisheries.
(B) Describe: Methods of Preservation and its advantages.
- Que. 6 Answer any seven. (07)**
(1) Write common criteria to detect freshness of a fish?
(2) What is induced breeding?
(3) Write Activity of gonadotropin releasing hormone.
(4) How to control fish diseases?
(5) Write an importance of fisheries in society.
(6) What is the role of biopesticides in aquaculture?
(7) Write names of branches at Fisheries college in Veraval.
(8) What is the effect of water pollution on fisheries?
