

SEMESTER -1

PAPER-C2T

2 MARKS QUESTIONS

1. What is Inland fishery?
2. Define fin fish.
3. What is shell fish?
4. Define plankton.
5. What is Marine capture fishery?
6. Define lake.
7. Define estuary.
8. What is reservoir?
9. Write the two riverine system in India.
10. Define offshore fishery.
11. What is deep sea fishery?
12. Define fishing gear.
13. What do you mean by remote sensing?
14. Define cold water fishery.
15. Write the two examples of brackish water fishes.
16. Write the two examples of marine water fishes.
17. Difference between fin fish and shellfish.
18. Define PFZ.

5 MARKS

1. Write a short note on EEZ.
2. Write the importance of remote sensing.
3. Briefly describe reservoir fishery.
4. Discuss about prawn fishery.
5. Discuss about present scenario of inland capture fisheries of India.
6. Write the global inland fish production statistics.
7. Write the oil sardine fishery.
8. Describe Hooghly-Matlah estuary.
9. Give an account Bombay duck fishery.

10 MARKS

1. Describe conservation of marine fishery resources.
2. Discuss about marine fishing gears.
3. Write the Ganga river system.
4. Write the Brahmaputra river system.

SEMESTER -2

2 MARKS

PAPER - C3T

1. Write the two aquatic plants.
2. Write the two indigenous ornamental fishes.
3. Write the two diseases of ornamental fishes.
4. Write the two exotic ornamental fishes.
5. What is aquascaping?
6. Write the use of filter.

5 MARKS

1. Write the Selection of suitable ornamental fish species.
2. Describe setting of aquarium.
3. Discuss about breeding process of ornamental fishes.

10 MARKS

1. Write the transport of live ornamental fishes.

PAPER -C4T

1. Write the types of fish eggs.
2. Write the significance of propagation.
3. Define natural breeding.
4. Define multiple carp spawning.
5. Write the place of propagation.
6. Write the season of reproduction.
7. Define cryopreservation.
8. Define sporting and spawning.

5 MARKS

1. Write the behavior of spawn in relation to hydrological and hydro-biological factors.
2. Write the brood stock management of fin fish.
3. Describe techniques of inducing ovulation.
4. Write the brood stock management of shell fish.

10 MARKS

1. Write the breeding technique of Indian Major Carp.

SEMESTER -III

2 MARKS

1. Define genetic diversity.
2. What is species diversity.
3. What is exotic species?
4. Define marine parks and sanctuaries.
5. Define biodiversity.
6. Write the importance of aquatic biodiversity.
7. Define habitat diversity.
8. What is diversity indices?
9. Define ex situ conservation.
10. What is in situ conservation.

5 MARKS

1. Write the conservation process of biodiversity.
2. Write the types of biodiversity.

10 MARKS

1. Write the threats of biodiversity.

PAPER - C7T

2 MARKS

1. Define carbon cycle.
2. What is nitrogen cycle.
3. Difference between virus and bacteria.
4. Write the physical process of sewage water treatment.
5. Write the drinking water microbiology.
6. Write the biological process of sewage water treatment.
7. Write the distribution of microorganisms and their biomass in rivers.
8. Define microbial biofilm.
9. Write the characters of fungi.

10. Define sulphur cycle.

5 MARKS

1. Describe nutrient cycle.

2. Write the influence of physical, chemical and biological factors on aquatic microbes.

3. Role of microbes in the production and breakdown of organic matter.

10 MARKS

1. Write the role of microbes in sedimentation and mineralization process.

PAPER: SEC-1P

1 MARKS

1. Write the two examples of indigenous ornamental fishes.
2. Write the two diseases of ornamental fishes.
3. Write the two examples of aquatic weeds.
4. Write the examples of two live bearer ornamental fishes.
5. What is aquarium?
6. Write the use of aerator.
7. Write the short distance transportation system of aquarium fishes.
8. Write the use of filter.
9. Write the equipments of aquarium.
10. Define ornamental fish.

SEMESTER -4

PAPER - C9T

2 MARKS

1. Write the structure of fishery co-operative.

2. Write the problems of fishery co-operative.

3. Write the important TOT programs in fisheries.

4. Write the principles of co-operative.

5. Define SHG.

6. Define NGO.

7. Write the principles of fishery extension.

8. Define fishery extension.

5 MARKS

1. Write the role of NABARD in fisheries development.
2. Write the role of insurance in fish and shrimp farming and industry.
3. Discuss about structure of institutional finance in fisheries.
4. Discuss about important TOT programs in fisheries.
5. Write the history and role of fisheries extension in fisheries development.

10 MARKS

1. Describe co-operative movement in fisheries in India.
2. Write the individual, group and mass contact methods of fisheries extension

PAPER: SEC-2P

1. What is spawning?
2. Define nursery pond.
3. What is antibiotic?
4. What is fecundity?
5. Define shell fish.

**SEMESTER -V
PAPER - C12T**

2 MARKS

1. What is sanitation?
2. Define Colombo curing.
3. What is tunnel dryer?
4. Write the characters of spoilage fish.
5. Write the equipment of chilling.
6. Define smoking.
7. What is solar drier?
8. Write the disadvantages of sun drying.
9. Write the method of chilling.
10. Write the objectives of packaging.

5 MARKS

1. Write the use of antibiotics and chemicals.
2. Briefly describe Water activity and its relation to fish preservation.
3. Discuss about characteristics of packaging materials.
4. Write the spoilage of fish during chilled storage.

10 MARKS

1. Describe sanitation in processing plants.

PAPER: DESE-2T

2 MARKS

1. What is sanitation?
2. Define Colombo curing.
3. What is tunnel dryer?
4. Write the characters of spoilage fish.
5. Write the equipment of chilling.
6. Define smoking.
7. What is solar drier?
8. Write the disadvantages of sun drying.
9. Write the method of chilling.
10. Write the objectives of packaging.

5 MARKS

1. Write a short note on sun drying.
2. Briefly describe Water activity and its relation to fish preservation.
3. Discuss about characteristics of packaging materials.
4. Write the spoilage of fish during chilled storage.

10 MARKS

1. Describe sanitation in processing plants.

SEMESTER -VI

PAPER-C13T

2 MARKS

1. Write the Sanitary and phytosanitary agreement.
2. What is biofloc?
3. What is periphyton?
4. Define fish health certification.

5. What is quarantine?
6. Define biofilm.
7. What is disease surveillance.

5 MARKS

1. Write a short note on biofloc.
2. Write the Periphyton in aquatic health Management.
3. Discuss about Health management strategies in Aquaculture.

10 MARKS

1. Write the disease control through environmental management.

PAPER -DSE-3T

2 MARKS

1. Define supply.
2. Write the factors of demand.
3. Define micro and macro economics.
4. Define total and marginal utility.
5. Write the law of supply.
6. What is demand?
7. Define consumer surplus.
8. Difference between demand and supply.
9. Write the law of demand.
10. Define utility.
11. Define profit maximization.
12. Define positive and normative economics.

5 MARKS

1. Write a short note on breakeven analysis of fish production system.
2. Briefly describe production functions in capture and culture fisheries.

3. Discuss about farm planning and budgeting.

10 MARKS

1. Write the price, income and cross elasticity.