



FIRST TERMINAL EXAMINATION-2022-23

STD- 12TH SCIENCE

SUB- FRESHWATER FISHCULTURE –I

TIME: 2.30 HR

MARKS-50

Instruction :- 1. Question No.1 Compulsory.

2. Attempt any three from Q.Nos.2,3,4 and 5

3. Attempt any one from Q.Nos.6 and 7

4. All question carry equal marks.

Que.1 Fill in the blanks by choosing appropriate from the words in the bracket and rewrite the sentence. (Any10) (10)

1. Example of Filamentous Algae is _____.
i) Oscillatoria ii) Anabaena iii) Pithophora
2. White spot disease is caused by _____.
i) Myxosoma ii) Costia necatrix iii) Ichthyophthirius
3. _____ should not be cultured with major carps.
i) Grass carp ii) Wallago iii) Common Carp
4. Pen culture is commonly practiced in _____.
i) Japan ii) Jawa iii) Scotland
5. _____ is stocked in a nursery pond.
i) Spawn ii) fry iii) Fingerlings.
6. Stocking rate of fingerlings is generally _____ per hectare in pond culture.
i) 5000 ii) 3000 iii) 10,000
7. _____ is an organic fertilizer.
i) Cow dung ii) Superphosphate iii) Urea
8. _____ is the natural food of carps.
i) plankton ii) Oil cake iii) rice bran
9. Cyprinus carpio is a _____ carp .
i) Chinese ii) Indian iii) European
10. Pistia is a _____ weed.
i) Marginal ii) Floaing iii) Emergent
11. Stocking rate of fingerlings is generally _____ per hectare in pond culture.
i) 5000 ii) 3000 iii) 10,000
12. Developing stages called _____ is stocking in nursery pond.
i) Spawn ii) Hatchling iii) Fry

Que.2 Given answer in one sentences each of the following. (Any 10) (10)

1. Give size of inner hatching hapa.
2. Define Emergent weeds.
3. Write two advantages of concrete raceway.
4. Write the scientific name of silver carp.
5. Which is the traditional method of fish cultivation ?
6. Which fish is called piscivorous fish?
7. State any two symptoms of white spot disease.
8. How many types of ponds are available at fish farm? write their name .
9. Define Hatchery.
10. What are pens?
11. Write any two examples of artificial food.
12. Which parasite causes costiasis disease.

Que.3 Give appropriate reason of the following. (Any 5) (10)

- a) Artificial feeding is necessary to the fishes.
- b) Filtration tanks are the essential part of Recirculating water system.
- c) Control of Aquatic weed is essential for fishes.
- d) Wallago attu is unsuitable in the pond of carps.
- e) Cages in arranged in running water
- f) Liming is essential in pond.

Que.4 Write short note on the following. (Any 5) (10)

- a) Recirculating culture
- b) Hatching Hapa
- c) Ichthyophthiriasis
- d) Mahua oil cake
- e) Pond culture
- f) Artificial food

Que.5 Describe in detail account of Aquatic weed with the help of following points. (10)

- a. Definition and classification of Aquatic weed.
- b. Advantages of Aquatic weed
- c. Draw a well labeled diagram of Nymphaea
- d. Different method of weed control
- e. Disadvantages of Aquatic weed

Que.6 Describe Cage culture method of fish Cultivation. (10)

OR

State causative agent, symptoms and treatment of Bacterial Diseases.

Que.7 Describe in detail on Preparation and Management of Nursery pond. (10)

OR

Explain briefly Race-way culture method in detail.

-----X-----