

FIRST TERMINAL EXAMINATION 2021-22

STD: - XII

SUB: Fresh water fish culture

Paper - I

Time: 3 Hours

Max. Marks: 50

Instructions:

- 1) Q. No. 1 is Compulsory.
- 2) Attempt any three questions from Q. No. 2, 3, 4 & 5.
- 3) Attempt any one question from Q. No. 6 & 7
- 4) Draw well labelled diagram whenever necessary.
- 5) All questions carry equal marks.

Q.1

Fill in the blanks by choosing appropriate words from the words given in bracket and rewrite the sentence (Any Ten) 10m

- 1) Origine curve - 1 is the curve of -----
Cumulative frequency / total frequency /
Class interval.
- 2) ----- is the chemical property of water.
Turbidity / Depth / CO_2
- 3) While mapping the water body -----
Symbol is used for floating weeds.
+ / ----- / +
- 4) Selection of station depend upon ----- of
water body.
Area / length / width
- 5) ----- Pond is used for rearing
fingerlings to adult fish.
Stocking / Nursery / Rearing
- 6) While mapping water body \square symbol is
used for -----

- fish sample / spawning box / Plankton.
- 7) The width of crest of the embankment should not be less than ----- cm.
91.5 / 90.00 / 100.00
- 8) Stocking rate of fingerlings in stocking pond is ----- per ha.
5000 / 3000 / 1000
- 9) Derris powder contains -----
Saponin / Rotenon / Nicotin
- 10) Gill net disease occurs due to -----
Branchiomyces / Saprolegnia / Costia
- 11) In Japan, cages are used for the culture of ----- fish.
Yellow tail / Cat fish / Labeo
- 12) Algal blooms are mainly composed of -----
Algae.
Red / Blue-green / Green.

Q.2

Answer the following in one sentence

(Any Ten)

10M

- 1) Which parasite causes Spat disease?
- 2) What is meant by Air Embolism?
- 3) What is purpose of rearing pond?
- 4) Give two advantages of cage culture?
- 5) What is meant by weed fishes?
- 6) Give any two example of artificial food.
- 7) Why lining of pond is done?
- 8) What is turbidity?
- 9) Define the term statistics?
- 10) Give symbol of floating and steep slope.
- 11) What is pond culture?
- 12) Mention any four behavioural change of diseased fish.

Q.6 Give detail account of cage culture [10M]

[OR]

Q.6. Discuss Baseline method for mapping water body

Q.7. State symptoms and treatment of bacterial diseases. [10M]

[OR]

Q.7. Describe in detail about selection of site for fish farm construction.