



বিদ্যাসাগর বিশ্ববিদ্যালয়

VIDYASAGAR UNIVERSITY

2nd Semester Examination 2022

B.F.Sc.

PAPER—BFSC-203

FRESH WATER AQUACULTURE

Full Marks : 50

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

1. Answer any ten questions. 10×2
- (a) Write down the name of two fish species other than carps cultured in composite fish farming.
- (b) Write down the recent data on total freshwater fish production in India.
- (c) What is nursery pond?
- (d) What is the stocking rate of nursery pond?

- (e) Name the two aquatic weeds found in freshwater pond.
- (f) What is algal bloom?
- (g) Name two plant originate fish toxicant used in aquaculture.
- (h) Write down the name of two freshwater aquatic insects.
- (i) What types of chemicals used during fish seed transportation?
- (j) Write down the names of two important coldwater fishes in India.
- (k) How do you identify Indian major and minor carps?
- (l) What is the composition of raw sewage?
- (m) Write down the names of two organic manure other than Raw cow dung used in aquaculture.
- (n) Write names of two surface feeder fishes.
- (o) What are the major benefits of liming in aquaculture?

2. Answer any six questions.

6×5

- (a) Discuss the nursery pond management practices.
- (b) Give an account on the significance a plankton in fish culture.
- (c) Write briefly on Integrated fish farming.
- (d) Briefly narrate the freshwater prawn farming.
- (e) Discuss the sewage-fed-fish culture in West Bengal.

- (f) Briefly explain induced breeding of production.
 - (g) Give an account on the transportation of fish seed.
 - (h) Briefly describe any air breathing fish culture process.
 - (i) Discuss the role of lime and fertilizer in fish culture pond.
 - (j) Explain the eradication process of aquatic weeds in pond.
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