

2023

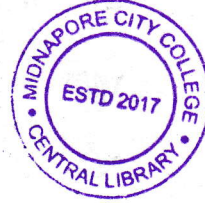
BFSC 2nd Semester Examination

Freshwater Aquaculture

PAPER — BFSC-203

Full Marks : 50

Time : 2 hours



The figures in the right-hand margin indicate 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** from the following questions :

2×10=20

(a) Name two surface feeder in composite fish culture pond.

(b) What is biofertilizer?

(c) Mention two advantages of integrated fish farming.

(2)

- (a) State the benefit and drawbacks of aquatic insect. 5
- (b) What are the advantages of pig-cum fish farming? 5
- (c) What do you mean by open system fish transport? 5
- (d) Mention any two measures for safe transport of fish seed. 5
- (e) Mention the problems of introduction of exotic species in India. 5
- (f) Mention the names of two important reservoirs in India. 5
- (g) Define predatory fish with two examples. 5
- (h) What is composite fish culture? 5
- (i) What are the advantages of liming in fish pond? 5
- (j) What do you mean by intensive fish farming? 5
- (k) Write the names of two anaesthetic drugs used in fish transportation. 5
- (l) Write the names of two indigenous cold water fishes with commercial importance. 5

2. Answer any six from the following questions :
5×6=30

- (a) What is the present status of freshwater aquaculture in India? 5

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(Continued)

(3)

- (a) Describe the culture of air breathing fish. 5
- (b) What do you mean by sewage fed fish culture? Mention the advantages and disadvantages of sewage fed fish culture. 2+3=5
- (c) Mention the criteria for selection of fish species for composite fish farming. 5
- (d) Briefly describe the management of nursery pond. 5
- (e) What are the water and soil qualities for optimum fish production? 5
- (f) Write about the management of freshwater prawn culture system. 5
- (g) How do you control aquatic macrophytes in aquaculture pond? 5
- (h) Write a note on fertilisation process of stocking pond management. 5
- (i) Briefly describe the paddy cum fish farming process. 5

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