

SECOND SEMESTER (CBCSS—UG) DEGREE EXAMINATION
APRIL 2021

Aquaculture

AQC 2B 03—FRESH WATER AQUACULTURE

Time : Two Hours

Maximum : 60 Marks

Section A

Answer at least eight questions.

Each question carries 3 marks.

All questions can be attended.

Overall Ceiling 24.

1. Importance of grass carp in aquaculture.
2. What is periphyton?
3. Classification of Phytoplankton.
4. Factors determining stocking density in ponds.
5. Use of duckweeds in fish farming.
6. Pearl sac theory and freshwater pearl production.
7. Describe the migration patterns of Freshwater prawns.
8. Importance of larvivorous fishes.
9. Which are the suitable species for sewage fed fish culture.
10. Organic certification in aquaculture.
11. What is SEAFDEC ?
12. Use of hybrids in aquaculture.

(8 × 3 = 24 marks)

Turn over

Section B

Answer at least five questions.

Each question carries 5 marks.

All questions can be attended.

Overall Ceiling 25.

13. Differentiate scampi and crayfish.
14. Describe various aquaponic systems.
15. Importance of alkalinity and hardness in pond aquaculture.
16. Monosex culture and its importance.
17. Coldwater fish culture in India.
18. Raceway culture of fishes.
19. Methods adopted to develop planktons in fish pond.

(5 × 5 = 25 marks)

Section C

Answer any one question.

The question carries 11 marks.

20. Soil and water quality management in fish farm.
21. Freshwater prawn farming and its major constrains in further development.

(1 × 11 = 11 marks)