

The Open University of Sri Lanka
 Faculty of Engineering Technology
 Department of Agricultural & Plantation Engineering



Study Programme	: Bachelor of Industrial Studies Honours (Agriculture)
Name of the Examination	: Final Examination
Course Code and Title	: AGI5572/AGI5530 Fisheries and Aquaculture
Academic Year	: 2020/2021
Date	: 12 th February 2022
Time	: 9.30 - 12.30 hrs
Duration	: 3 hours

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SECTION 2: Answer any four (04) questions.

1. a) List different propagation methods of aquatic plants (5 Marks).
 b) Discuss the drawbacks of propagating and maintaining aquatic plants in an aquatic system (10 marks)
 c) How to conserve the aquatic plants for sustainable use (10 marks)
2. Write an essay on the importance of upgrading and developing the marine fisheries industry in Sri Lanka (15 Marks).
3. Explain the feeding of fresh water fisheries under below given topics.
 - a.) Frequency of supplementary feeding for fish (5 marks)
 - b.) Distribution of feed for fish (10 marks)
 - c.) When to feed the fish (5 marks)
 - d.) Where to feed the fish (5 marks)
4. Explain the factors effecting shrimp farming (25 marks).
5. a) Explain the desirable characters of fish when selecting fish species for pond fish culture (10 marks).
 b) Explain the fish duck integrated system (15 marks).

6. a.) Discuss the drawbacks in ornamental fish industry in Sri Lanka (10 marks).
- b.) Give your suggestions to improve ornamental fish industry in Sri Lanka (15 marks).