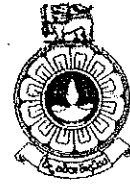


The Open University of Sri Lanka
 Faculty of Engineering Technology
 Department of Agricultural and Plantation
 Engineering



Index number

Study Programme	: Bachelor of Industrial studies Honours in Agriculture
Name of the Examination	: Final Examination
Course Code and Title	: AGI5530/AEI5230 Fisheries and Aquaculture
Academic Year	: 2017/18
Date	: 06 th February 2019
Time	: 0930-1230hrs

SECTION 2: Answer any four (04) question

1. (a) Explain the factors required for rearing fish larvae successfully. (10 Marks)
- (b)
 - (i) Discuss the importance of supplying natural food together with the artificial food.
 - (ii) Explain the frequency and important points to be considered before deciding the frequency of supplying supplementary feeds for fish.
2. (a) Briefly explain the steps to be carried out when formulating fish feeds.
- (b) Explain when and where to distribute fish feed in the pond.
3. Write short notes on the following topics.
 - a. Statuses of shrimp farming in Sri Lanka
 - b. Role of pond fish culture
 - c. Drawbacks in Ornamental fish farming in Sri Lanka by giving suggestions to improve.

4. (a) Discuss the causative agents of fish diseases by naming two (02) disease examples for each.
- (b) Describe the following diseases by mentioning causative agent, fish species affect and factors affecting the infection, clinical signs and treatment.
- i. Vibriosis
 - ii. Saprolegnia
5. (a) What is meant by marine ecosystem?
- (b) Explain any four (04) different marine eco systems in relation to the aquaculture.
6. (a) Explain primary and secondary factors to be considered in mollusc farming
- (b) Discuss conservation methods of aquatic plants