



The Open University of Sri Lanka
 Faculty of Engineering Technology
 Degree in Industrial Studies (Agriculture)
 Final Examination - 2012/2013

AEI5230 Fisheries and Aquaculture

Date : 03 - 08 - 2013
Time : 0930 - 1230 hours
Duration : Three (03) hours

SECTION II

1. (i) "Fish is an important source of food" Justify the statement.
 (ii) What are the important coastal habitats present in Sri Lanka suitable for fish breeding?

2. (i) Briefly explain the factors that can be used to identify the fish.
 (ii) Name animal husbandry and fish integrated farming systems available and briefly explain one (01) of the systems.

3. (i) What are the farming systems applied for fish?
 (ii) Write short notes on the following topics in relation to shrimp farming.
 - (a) Feeding in hatcheries
 - (b) Larval stages.
 - (c) Extensive farming systems.
 - (d) Breeding
 - (e) Assimilation tanks

4. Discuss the factors affecting shrimp farming.

5. List the important factors relevant to site selection in Molluscs culturing and briefly explain three (03) of them.

6. Explain the following,
 - (i) Two (02) factors affecting feed utilization of fish.
 - (ii) Autolysis changes of fish after harvesting
 - (iii) Harvesting of aquatic plants.