



The Open University of Sri Lanka

Faculty of Engineering Technology

Bachelor of Industrial Studies Honours (Agriculture) Programme

Final Examination - 2016/2017

AEI5230 Fisheries and Aquaculture

Date : 27 - 11 - 2017
Time : 0930 - 1230 hours
Duration : Three (03) hours

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Section 02 – Answer any four (04) out of the six (06) questions. You may use answer books and/or sheets to answer this section.

- Q1. a) Discuss the evolution of shrimp farming and its current status in Sri Lanka.
b) Analyze the environmental issues related to the shrimp farming in Sri Lanka.
- Q2. Describe the different bottom and off-bottom culturing methods of bivalves.
- Q3. Discuss the processing techniques used in fish feed preparation.
- Q4. a) What is meant by spoilage in fish and shrimp?
b) Discuss the post-mortem changes that occur in fish during spoilage.
- Q5. Explain the tool Hazard Analysis and Critical Control Points (HACCP) using an example from aquaculture.
- Q6. a) What is integrated farming of animal husbandry and aquaculture?
b) Using an example for a typical integrated farming system, discuss its advantages and disadvantages for livestock and aquaculture sectors.