



Uva Wellassa University of Sri Lanka
Faculty of Animal Science & Export Agriculture



BSc Degree Programme
Year I Semesters II

End Semester Examination - August 2010

AQT 113-2 Fish and Shellfish Nutrition
Essay Questions (Section II)

Instructions

Answer **all** questions in Section II in given Booklets.

No. of questions : Two (02)
 No. of pages : Two (02)
 Time : One hour (1hr)
 Total marks allocated : 60%

Index No:

01) Assume that you are consulted for developing a **low cost feed** for a **small scale Guppy broods stock** using **locally available ingredients**. If the farm is located close to **Negombo area**,

(a) List down ingredient selection criteria.

(05 marks)

(b) List the ingredients which are locally available (Negombo area) and categorize them into energy sources and protein sources.

(10 marks)

(c) Suggest suitable small scale feed preparation procedure including the selected ingredients and with other necessary additives.

(20 marks)

(d) Explain the significance of each step that you are adopting for the above feed preparation method.

(15 marks)

02) Write short notes on any **four** of the following.

- (a). Preparation of encapsulated egg diet.
- (b). Major processes involved in a large scale feed mill.
- (c). Chemical digestion process of shrimps.
- (d). Aflatoxicosis.
- (e). Culturing micro worms in small scale level.
- (f). Importance of dietary lipids for culturing aquatic animals.

(12 ½ × 4 marks)

[End of Section II]