

**UNIVERSITY OF RUHUNA**  
**BACHELOR OF SCIENCE IN FISHERIES AND MARINE SCIENCES DEGREE**  
**Level III Semester I – 2017 July / August**

**AQU 3122 - Aquaculture II – Feeds & Nutrition**

Answer **any Three (03)** questions

**Time: 01 ½ hours**

---

01. (a) What is meant by “fish feed formulation”? (08 marks)  
(b) Write a brief account on the basic information that should be collected prior to fish feed formulation. (42 marks)
02. (a) “Dry feeds are mostly used in fish farming industry” Discuss this statement. (25 marks)  
(b) Briefly explain “Steam pelleting process” in fish feed preparation. (25 marks)
03. “Various feed additives are used in fish feed preparation to enhance the quality of fish feeds.” Discuss. (50 marks)
04. Explain the deteriorative effects which can occur during fish feed storage. (50 marks)
05. Write short notes on **any two (02)** of the following. (25 marks each)  
a) Suitability of using plant proteins in fish feed preparation  
b) Importance of brine shrimp as a live feed for fish  
c) Feeding methods used in aquaculture farms  
d) Disorders in protein nutrition

@@@@@@@@