

UNIVERSITY OF RUHUNA

BACHELOR OF SCIENCE IN FISHERIES AND MARINE SCIENCES DEGREE

Level II Semester I - July/August 2016

OCG 2111 – General Ecology of Marine & Coastal Ecosystems

Answer only two (02) questions from the following

Time: 1 hour

01. (i) “Primary producers in marine environments are the base of marine food webs and they support almost all life”. Discuss this with providing appropriate examples.
- (ii) Briefly explain the importance of microbial loops in marine food webs.
02. Write short accounts on any **four (04)** of the following;
- Reasons for the interactions among marine organisms
 - Types of trophic relationships in marine ecosystems
 - Chemical communication among marine organisms
 - Superior competitors vs. inferior competitors
 - Ecological stressors
 - Marine biomes
03. Write an account on animal defense against predation by giving examples from the marine environment.

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