

UNIVERSITY OF RUHUNA

BACHELOR OF SCIENCE HONORS IN FISHERIES AND MARINE SCIENCES DEGREE

Level II Semester I Examination – August/ September 2018

OCG 2111 (R) – General Ecology of Marine & Coastal Ecosystems

Time: 1 hour

Answer only Two (02) questions

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1. “Primary producers play a key role in marine food webs, which supports almost all life”. Justify this statement.
2. (a) Why marine organisms interact with each other?  
(b) Discuss the importance of microbial loops in marine food webs, providing suitable diagrams.
3. Providing suitable examples, write short notes on any two (2) of the following.
  - a. Types of trophic relationships
  - b. Camouflage and symbiosis mutualism
  - c. Social interactions of dolphins

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