

UNIVERSITY OF RUHUNA
BACHELOR OF SCIENCE IN FISHERIES AND MARINE
SCIENCES DEGREE - January 2017

Level III Semester II Examination

LIM3251 - Ecological Perspectives

Time: 01 ¼ hrs

Answer **any Two (02)** questions

1. (i) Explain “mesopredator release hypothesis” giving an example from aquatic environment. (25 marks)
- (ii) Describe the main types of trophic cascades found in the aquatic environment? (25 marks)
2. (i) Write an introduction on “biomes”. (20 marks)
- (ii) “Biomes are open systems”. Explain. (15 marks)
- (iii) Explain the key factors sustaining life in biomes. (15 marks)
3. Briefly describe the following topics,
 - (i) Intermediate disturbance hypothesis
 - (ii) Nutrient spiraling in streams
 - (iii) Interaction between insects and a carrion(50 marks)

@@@@@@@@@@@@