

UNIVERSITY OF RUHUNA

BACHELOR OF SCIENCE HONOURS IN FISHERIES AND MARINE SCIENCES DEGREE

Level II Semester I Examination – August/September 2018

OCG 2122 (R) – Biological Oceanography

Time: 2 hours

Answer only Four (04) questions

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- 1) Write a detailed description on adaptations of vent communities to survive in harsh environmental conditions.
- 2) What are Red Tides? Describe in detail how and when they bloom and their effects.
- 3) Write a detailed description on methods used to measure primary production in oceans.
- 4) Write a detailed description on “Iron fertilization in oceans” and their advantages and disadvantages.
- 5) Describe how upwelling and thermal stratification influence the primary productivity in oceanic environments.
- 6) Describe the seasonal variation of phytoplankton production in temperate-boreal waters.

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