

UNIVERSITY OF RUHUNA

BACHELOR OF SCIENCE HONOURS IN MARINE AND FRESHWATER SCIENCES  
DEGREE

Level II Semester I Examination – August /September 2018

OCG 2122 – Marine Biology (Flora)

Time: 1 ½ hours

Answer Question 1 in PART A and any two (02) Questions from PART B

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**PART A**

1) Write short notes on any four (04) of the following.

- i) Vivipary
- ii) Pit connections in red algae
- iii) Different shapes of chloroplast in green algae
- iv) Tri phasic life cycle in red algae
- v) Diatom cell wall

(40 Marks)

**PART B**

2) Briefly describe adaptations, which help to conserve water in Mangrove plants.

(30 Marks)

3) Write an essay on characteristic features of seagrass.

(30 Marks)

4) Describe the importance of habitat characteristics for the survival of seaweeds in marine environment.

(30 Marks)

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