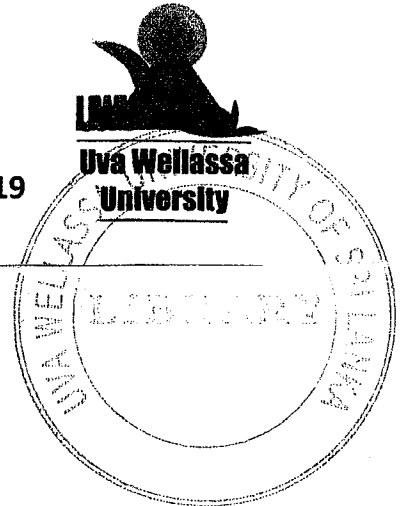


Uva Wellassa University of Sri Lanka
Faculty of Science and Technology
Department of Science and Technology
300 level 2nd Semester Examination – Dec. 2018/Jan. 2019
SCT 223-3 Diversity of Life



Part C. (30 marks)

Answer a or b from question number 1 and 2.

1.

a. Briefly explain bird adaptations for aviary mode of life (life in the air).

(15 marks)

OR

b. i. Briefly explain the issues to be addressed when animals invade the land from water.

(05 marks)

ii. Explain the adaptations of reptiles for water conservation during their terrestrial mode of life.

(05 marks)

iii. Briefly explain the three (03) types of mammals found on earth.

(05 marks)

2.

a. Describe the adaptations that enable plants to survive on land.

(15 marks)

OR

b. Write short notes on ANY THREE (03) of the followings.

i. Characteristic features of a cloud forest

(5 marks)

ii. Economic importance of bacteria

(5 marks)

iii. Taxonomical characteristics of dicot leaves

(5 marks)

iv. Classification of non-vascular plants

(5 marks)