

Eastern university, Sri Lanka
Faculty of science

Third Year Second Semester Examination in Science -2020/2021
(2018/2019 intake) (July/Aug., 2024)

BT 3101 – Plant Developmental Physiology

Answer all questions

Time: 01 Hour

01. (a) List out the different types of hydroponic systems. (10 marks)
- (b) Describe the mechanisms involved in the flowering process in plants. (30 marks)
02. Write short notes on the followings
- (a) Factors affecting the plants senescence
- (b) Developmental and physiological actions of ABA in plants
- (c) Internal factors affecting the seed dormancy (20 * 3 = 60 marks)

- 03.
- a) Explain the differences between eco-innovation and eco-design. [30 Marks]
 - b) Explain why businesses are embracing eco-efficiency. [30 Marks]
 - c) Briefly explain the 'green procurement'? [40 Marks]

04. Answer the following questions

- a. Define the term "Pollution" [10 Marks]
- b. List the different types of Pollution. [20 Marks]
- c. Comment on the causative agents of noise pollution and effects. [30 Marks]
- d. Briefly describe the steps to control above stated pollution. [40 Marks]

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