

Advanced Crop Physiology (PLT 251-2)

Instructions

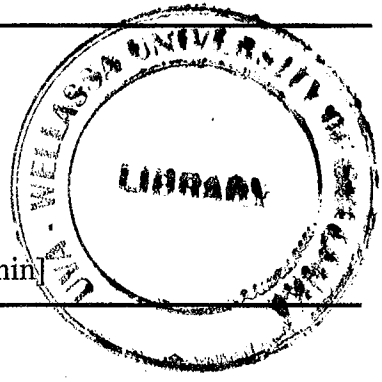
Answer **all** questions

No. of questions : Three (03)

No. of pages : One (01)

Total marks allocated : 60%

Time : One hour [Q1 and Q2 – 30 min / Q3 – 30 min]



Part II- Essay

Question 1

(75 Marks)

“Coconut is an indispensable crop in Sri Lanka”. Discuss the statement stating its numerous uses and its contribution to different sectors.

Question 2

(75 Marks)

Coconut is a slow responding crop to fertilizing and different agronomic practices

- a. Discuss the slow responsiveness of coconut to fertilizing and different agronomic practices giving reasons.
- b. Coconut has a long maturation period and long generation period. Explain what is meant by the statement.
- c. Discuss the advantages of physiological approaches in evaluating different coconut varieties over the situation discussed in the question (b) above.

Question 3

(150 Marks)

Explain the use of ethephon in latex harvesting in the present day context and associated physiological reactions