



Advanced Crop Physiology (EAG 356-1)

Instructions

Answer **all** questions

No. of questions : Three (03)

No. of pages : One (01)

Total marks allocated : 100%

Time : One hour

Index No:

Essay

Question 01

- a) What is meant by "Allelopathy"
- b) Discuss the factors that affect on the allelopathic effect on plants
- c) "It is likely that in the near future **allelopathy** will be used in crop production systems".
By giving examples briefly comment on this statement.

(50 Marks)

Question 02

- a) Briefly explain the working principle of pressure bomb or pressure chamber
- b) Briefly discuss the possible measures that can be adapted to overcome the errors when handling the pressure chamber.

(25 Marks)

Question 03

Discuss the commercially available applications used in horticultural plant growing systems to regulate the light

(25 Marks)