

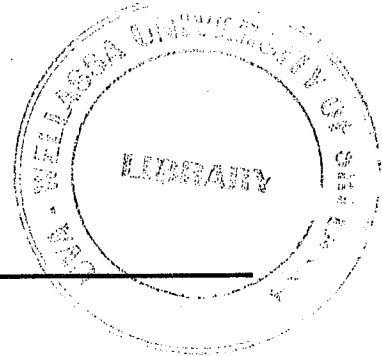
End Semester Examination December/ January 2009/10
Year III Semester I

Advanced Techniques in Intensive Crop Management (EAG 342-1)

Instructions

Answer all questions.

No. of questions : Four (04)
No. of pages : One (01)
Time : One Hour (01 hr)
Total marks allocated : 40/100



1.
 - a. What is meant by **Controlled Environment Agriculture (CEA)**?
 - b. How does it differ from outdoor cropping?

2. **“Hydroponics is a more reliable and profitable method of crop production”**. Do you agree with this statement? Justify your arguments.

3. Write short notes on the following in relation to the hydroponics crop production
 - a. Training of salad cucumber plants
 - b. Managing lettuce nursery
 - c. Pruning of bell pepper plants
 - d. Training and pruning of tomato plants

4.
 - a. Briefly explain the following
 - i. Row covers
 - ii. Mulches
 - b. **“Automation has become a new strategic option in controlling the environment inside the greenhouse”**. Comment on the given statement.