



B.Sc in Export Agriculture
Faculty of Animal Science & Export Agriculture
Uva Wellassa University

Year III Semester I
End Semester Examination - January 2009

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. Define the following terms;
 - i. Controlled Environment Agriculture (CEA).
 - ii. Hydroponics.
 - b. Briefly explain why CEA is popular in the world.
2. Write short notes on the following;
 - a. Nutrient management in hydroponics.
 - b. Properties of a perfect medium.
 - c. Circulating systems in hydroponics.
 - d. Green House Automation.
3. Briefly explain how environmental conditions inside a protected house are controlled.
4. Discuss the steps that you follow in building a simple non circulating hydroponics system.