

**Eastern University Sri Lanka**

**First Year First Semester Examination in Agriculture – 2013 / 2014**

**(September 2015)**

**CS 1101 Principles of Crop Production**

Answer all Questions

Time Allowed : 02 hours

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01.

- a. What is Plant Nursery? ( 5 marks)
- b. Explain the effects of Temperature on crop production. (10 marks)
- c. Critically analyze the effects of puddling in crop production. (10 marks)

02. Discuss the following:

- a. Classification of crops based on serving special purposes. (10 marks)
- b. Self sufficiency in paddy production at present and its influence on paddy farmers in Sri Lanka. (15 marks)

03.

- a. Explain the basic characteristics of weedy plants. (10 marks)
- b. Briefly discuss the adverse conditions affecting the growth of seedlings. (15 marks)

04. Write short notes on the following:

- a. Major problems associated with horticultural crop production in Sri Lanka. ( 7 marks)
- b. Effect of drying on grain quality. ( 8 marks)
- c. Advantages and disadvantages of broadcasting method of crop establishment.(10 marks)