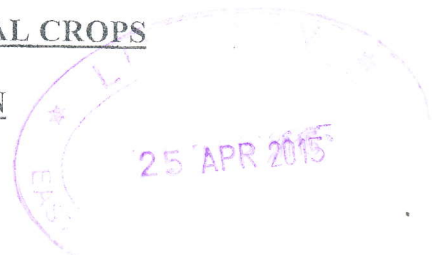


EASTERN UNIVERSITY, SRI LANKA

FIRST YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2012 / 2013 (Jan. 2015)

AB 1101 : BOTANY OF AGRICULTURAL CROPS

END SEMESTER EXAMINATION



Answer **all** questions

This paper should be answered in **English**

Time: **One hour**

-
1. a) Distinguish between;
- i) Genus *Cucurbita* and genus *Cucumis* (20 marks)
 - ii) Genus *Phaseolus* and genus *Vigna* (20 marks)
- b) Write down the characteristic features of a grape fruit (*Citrus paradisi*) tree. (30 marks)
- c) Briefly explain the dimorphic branching habit of a coffee plant. (30 marks)
2. a) Describe with clearly labeled diagrams the economically important structures of the following crops and mention three uses of each crop.
- i) Ginger
 - ii) Clove (40 marks)
- b) Diagrammatically illustrate the different types of spikelets of the following crops:
- i) Paddy
 - ii) Sugarcane
 - iii) Maize (60 marks)
