

EASTERN UNIVERSITY, SRI LANKA

EXTERNAL DEGREE IN AGRICULTURE

FIRST YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE - 2006/2007

AGB 1101: BOTANY OF ECONOMIC CROPS

END SEMESTER EXAMINATION

Answer all questions

This paper should be answered in **English**

Time: **One hour**

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1. a) Distinguish between the following:
  - i) Genus *Phaseolus* and genus *Vigna*.
  - ii) Genus *Citrullus* and genus *Cucurbita*. (30 points)
  
- b) Write down the morphological features of a grape fruit (*Citrus paradisi*) plant. (30 points)
  
- c) Briefly explain the alternately branching habit of 'Virginia' groundnut cultivar. (40 points)
  
2. a) Classify the following crops into their respective families, genera and species.
  - i) Turmeric
  - ii) Pepper
  - iii) Cinnamon
  - iv) Vanilla(20 points)
  
- b) Briefly describe the structures of the economically important parts of the above crops with clearly labelled diagrams and mention their uses. (50 points)
  
- c) Write short notes on sex determination in papaw. (30 points)

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