



AGB 1101 : BOTANY OF ECONOMIC CROPS

Answer All Questions.

X

This paper should be answered in English.

Time : **Two hours**

1. a) Distinguish between the following:

- i) Genus *Phaseolus* and genus *Vigna*.
- ii) *Cucurbita* and cucumber.

b) Write down the identifying features of lime (*Citrus aurantifolia*).

c) List the characteristics of *Coffea arabica*.

2. a) Classify the following crops into their respective families, genera and species.

- i) Pepper
- ii) Turmeric
- iii) Vanilla
- iv) Clove
- v) Cinnamon

b) Illustrate with diagrams the economically important structures of the above crops and indicate their uses.

3. a) Briefly explain the sequentially branching habit of 'Spanish - Valencia' groundnut cultivar.

b) Briefly discuss the dormancy cycle in harvested tea.

4. Write short notes on the following:

- a) Rooting of sugar cane sett.
- b) Female inflorescence of maize.
- c) Dimorphic branching habit of cocoa.