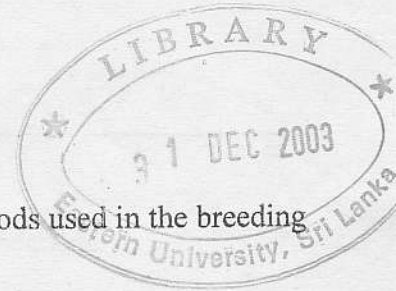


EASTERN UNIVERSITY, SRI LANKA
THIRD YEAR FIRST SEMESTER EXAMINATION IN
AGRICULTURE 2003
AGB 3102 - ~~ICRDP~~ BREEDING AND TECHNIQUES

Answer All Questions

Time : 02 hours.



1. Describe the essential features of different selection methods used in the breeding of self-pollinated crops.

2. Briefly describe the following
 - a) Development of hybrid maize
 - b) Screening of cowpea varieties against soil borne collar rot disease.

3. Briefly discuss the procedure to incorporate rust resistance into an adapted variety of groundnut. Consider rust resistance is controlled by a pair of recessive genes.

4. Write Short notes on
 - a) Progeny test
 - b) Cytoplasmic- genetic male sterility
 - c) Acclimatisation of crop varieties
