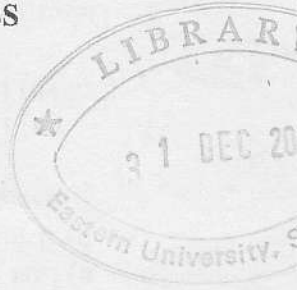


EASTERN UNIVERISTY, SRI LANKA
THIRD YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE –
2002/2003

ASC 3101 ANIMAL BREEDING AND TECHNIQUES
END TERM EXAMINATION



Answer all questions

Time : Two Hours

1. Write short notes on the following:
 - a) Properties of metric traits
 - b) Heritability
 - c) Selection differential

2. Discuss the following:
 - a) Individual selection and lifetime performance records as selection aids in farm animals.
 - b) Methods of selection of farm animals.

3. Critically evaluate the following:
 - a) Use of crossbreeding as a method of genetic improvement of farm animals.
 - b) Role Artificial Insemination as a tool of animal breeding.

4. Briefly discuss the process of embryo transfer.