



**EASTERN UNIVERSITY, SRI LANKA**

**THIRD YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE 2003-2004**

**ASC- 3101 ANIMAL BREEDING AND TECHNIQUES**

**END SEMESTER EXAMINATION**

Answer all Questions

Time: Two Hours

1. Briefly describe the factors affecting the annual genetic gain in livestock.
2. Discuss the following:
  - a) Methods of semen collection in livestock
  - b) Heat detection in cattle
3. Write an account on 'out breeding in livestock'.
4. Write notes on the following
  - a) Family selection
  - b) Methods of embryo recovery in cattle