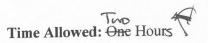
EASTERN UNIVERSITY, SRI LANKA

THIRD YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE - 2008/2009 ASC 3101 ANIMAL BREEDING AND TECHNIQUES (Repeat) END SEMESTER EXAMINATION

Jan/Feb 2014

Answer all questions.



1110CT 2014

- 1. Discuss the objectives and process of livestock breeding under the following principles
 - a. Quantitative traits (30 Marks)
 - b. Selection (40 Marks)
 - c. Cross breeding (30 Marks)
- 2. Briefly discuss the following
 - a. Analyzing and processing of semen of bull for artificial insemination (60 Marks)
 - b. Application of estrus synchronization techniques in cattle (40 Marks)
- 3. Write an account on the following
 - a. Heritability (50 Marks)
 - b. Use of breeding value and accuracy of selection in livestock breeding (50 Marks)
- 4. Write short notes on the following
 - a. Heterosis (30 Marks)
 - b. Repeatability (35 Marks)
 - c. Performance testing (35 Marks)