


[11 OCT 2014]

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.

Time Allowed: ^{Two} ~~One~~ Hours 

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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)