

EASTERN UNIVERSITY, SRI LANKA
THIRD YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2013/2014
AS 3101 LIVESTOCK BREEDING (Repeat)
END SEMESTER EXAMINATION
Sep/Oct 2015

Answer all questions.

Time Allowed: Two Hours

1. Discuss the objectives and process of livestock breeding under the following principles
 - a. Selection (55 Marks)
 - b. Mating Systems (45 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 in livestock breeding (50 Marks)

4. Write short notes on the following
 - a. Heterosis (35 Marks)
 - b. Performance Testing (35 Marks)
 - c. Repeatability (30 Marks)