

EASTERN UNIVERSITY, SRI LANKA

THIRD YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE - 2008/2009

AS3101 ANIMAL BREEDING AND TECHNIQUES

END SEMESTER EXAMINATION

Time allowed: Two hours

Answer all questions

1. Briefly discuss the followings;
  - a) Embryo transfer in goats. (60 Marks)
  - b) Four-way cross breeding program for Broiler production. (40 Marks)
2. Write short notes on the followings;
  - a) Repeatability (35 Marks)
  - b) Economic traits in dairy cattle (30 Marks)
  - c) Index selection (35 Marks)
3. a) Write brief account on the progeny testing in swine for breeding. (65 Marks)  
b) List out the major advantages of marker assisted selection in genetic improvement of farm animals. (35 Marks)
4. a) Define the term inbreeding depression. (05 Marks)  
b) Give the major consequences of inbreeding in cattle. (40 Marks)  
c) Explain the fertility factors used in selecting bulls for semen collection (55 Marks)

