

EASTERN UNIVERSITY, SRI LANKA

FOURTH YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE - 2007/2008

ASC 4105 ADVANCED ANIMAL BREEDING

END SEMESTER EXAMINATION

Time allowed: One hour



Answer all questions

1. Briefly discuss the following;
 - a) The economic traits considering in breeding program of dairy cattle. (60 Marks)
 - b) Importance of QTL mapping in marker assisted selection. (40 Marks)

2.
 - a) Define the term animal genetic resources. (05 Marks)
 - b) Categorized the animal genetic resources in Sri Lanka and define each category. (40 Marks)
 - c) Briefly describe the selection aids used in swine breeding. (55 Marks)