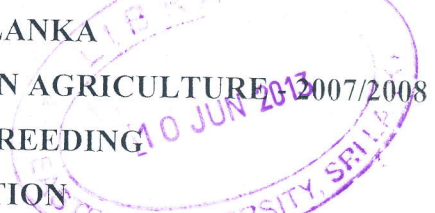


EASTERN UNIVERSITY, SRI LANKA  
FOURTH YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE 2007/2008  
ASC 4105 ADVANCED ANIMAL BREEDING  
END SEMESTER EXAMINATION



Time allowed: One hour

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**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)