

EASTERN UNIVERSITY, SRI LANKA  
THIRD YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE-

2002

ASC 3101-ANIMAL BREEDING AND TECHNIQUES

END SEMESTER EXAMINATION

Answer all questions.

Time allowed: Two hours

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1. Write notes on the following:

- a) Heritability.
- b) Selection differential.
- c) Metric characters.

2. Discuss the following:

- a) Advantages, limitations and disadvantages of Artificial Insemination.
- b) Semen collection in livestock.

3. Briefly discuss the following:

- a) Cross breeding.
- b) Grading up of Neat cattle in Sri Lanka.
- c) Selection methods used in farm animals.

4. a) What you mean by selection in livestock improvement?

b) Discuss any **three** of the selection aids that could be used in animal breeding.