

**EASTERN UNIVERISTY SRI LANKA**  
**THIRD EXAMINATION IN AGRICULTURE - 2001/2002**  
**ANIMAL SCIENCE - OLD SYLLABUS**

Answer **SIX** questions selecting at least **TWO** from each section.

Time: Three hours

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**SECTION I**

1. Write short notes on any **Three** of the following:
  - a) Metric characters.
  - b) Repeatability.
  - c) Semen evaluation in livestock.
  - d) Surgical method of embryo collection.
2. Discuss the following:
  - a) Crossbreeding
  - b) Grading up in farm animals.
3. Briefly discuss any **Three** of the selection aids that could be used in animal breeding.

**SECTION II**

4. Briefly discuss the following:
  - a) Nutritional requirement of calf (Neat cattle)
  - b) Management of stud bull
5. Discuss in detail the management of dairy cow to ensure high yield and its reproductive potential.
6. Briefly discuss the following:
  - a) Advantages, disadvantages, and constraints for swine production in Sri Lanka.
  - b) Feeding and management of breeding sow.
7. Briefly discuss the following:
  - a) The potentials and problems associated with Buffaloa production in Sri Lanka.
  - b) Major steps involved in sheep management.
8. Write notes on any **Two** of the following:
  - a) Swine diseases in Sri Lanka.
  - b) Distinctive features of goats over cattle.
  - c) Management of doe in goats.