

EASTERN UNIVERSITY, SRI LANKA
THIRD EXAMINATION IN AGRICULTURE 2002-2003
ANIMAL SCIENCE -OLD SYLLABUS
REPEAT

Answer Six questions selecting at least Two questions from each section.

Time: Three Hours

SECTION I

1. Briefly discuss the factors influencing the genetic gain per generation in a breed improvement programme.
2. Briefly discuss the following:
 - a) Inbreeding as a breeding method.
 - b) Crossbreeding as a method of genetic improvement in farm animals.
3. Write notes on any **Two** of the following:
 - a) Heat detection in cattle.
 - b) Oestrus synchronization in cattle.
 - c) Individual selection.

SECTION II

4. Write notes on the following:
 - a) Management of dry cows.
 - b) Care of newborn kids (Goat).
5. Briefly discuss the following:
 - a) Advantages and disadvantages of swine production.
 - b) Factors to be considered for successful swine production.
6.
 - a) List five common cattle diseases found in Sri Lanka.
 - b) Briefly discuss the preventive and control measures for one of the above listed diseases.
7.
 - a) List the methods of milking
 - b) Briefly discuss the process of clean milk production
8. Describe the criteria that you would adopt to identify and cull non-laying Birds.