

EASTERN UNIVERISTY, SRI LANKA
SECOND YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE –2003
ASC 2101 RUMINANT AND NON-RUMINANT NUTRITION AND FEED
FORMULATION
END SEMESTER EXAMINATION

Answer all questions

Time : Two Hours



1. Briefly discuss the feeding of White Leghorn layers during growing and laying stages.

2. Write notes on the following:
 - a) Nutrition of piglets
 - b) Flushing in pigs
 - c) Feeding of gilts and sows during gestation period

3. a) Write short notes on the following:
 - i) Metabolical faecal energy.
 - ii) Factors influencing ammonia concentration in the rumen.b) Illustrate the fate of protein and non –protein in the rumen.

4. a) Briefly describe the systems of describing the energy value of a feed.

b) Outline the major steps involved in conducting a feeding trial to determine the digestible energy value of a feed.