



EASTERN UNIVERSITY, SRI LANKA
FACULTY OF AGRICULTURE

SECOND YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2006/2007

(Repeat Exam.)

ASC 2101 – Nutrition and Feed Formulation of Farm and Aquatic Animals

EXTERNAL DEGREE EXAMINATION

Answer All Questions

Time: 2 Hours

1.
 - a. Define the terms “In vivo” and “In vitro” digestibility of feed.
(20 marks).
 - b. Briefly discuss the steps involved in conducting digestion trials using “in vivo” technique.
(80 marks)
2. Write short notes on the following;
 - a. Anti-nutritional factors. (30 marks)
 - b. Energy supplements. (30 marks)
 - c. Role of water in ruminants. (40 marks)
3. Discuss the following;
 - a. Straw treatment. (50 marks)
 - b. Factors to be considered for feed formulation of poultry. (50 marks)
4. Briefly explain the following;
 - a. Feed additives. (40 marks)
 - b. Nutritional requirements and feeding of sow (60 marks)