

EASTERN UNIVERSITY, SRI LANKA
SECOND YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2012/2013-
REPEAT
ASC 2101 – NUTRITION AND FEED FORMULATION OF FARM AND AQUATIC
ANIMAL

END SEMESTER EXAMINATION – August – 2015

(EXTERNAL DEGREE)

Answer All Questions

Time: 2 Hours

1.
 - a. Distinguish *In-vitro* and *in-vivo* digestibility estimation of animal feeds. (20 marks).
 - b. Briefly discuss the steps adopted in conducting digestion trials by using animals. (80 marks)
2. Write short notes on the following;
 - a. Anti-nutritional factors in animal feeds. (30 marks)
 - b. Protein supplements in animal feeds. (30 marks)
 - c. Role of fibre in ruminants. (40 marks)
3. Discuss the following;
 - a. Straw treatment. (50 marks)
 - b. Protein metabolism in ruminants. (50 marks)
4. Briefly explain the following;
 - a. Protein requirements of layer chickens. (60 marks)
 - b. Swill feeding in swine. (40 marks)