

EASTERN UNIVERSITY, SRI LANKA  
FINAL YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2008/2009  
ASC 4101 ADVANCED RUMINANT NUTRITION  
END SEMESTER EXAMINATION



Answer all questions

Duration: 01 hour

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- 1 (a). List out the methods of feed evaluation and briefly explain one method that could be practiced using live animals.
- (b). How is cellulose digested and metabolized in the rumen of sheep.
2. Write short notes on the followings:
- (a). Factors affecting the digestibility coefficient of feeds.
- (b). *In vitro* digestibility.
- (c) Use of Metabolizable energy in ruminants.