

**EASTERN UNIVERSITY, SRI LANKA**  
**FINAL YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE -- 2005/2006**  
**ASC 4101 ADVANCED RUMINANT NUTRITION**  
**END SEMESTER EXAMINATION**

Answer all questions

Duration: 01 hour

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- 01 (a). List out the limitations in utilizing agricultural by-products as a ruminant feed.
- (b). Briefly explain how you would overcome the above limitations in (a).

02. Write short notes on the followings:

- (a). Factors affecting the mineral content of forage.
- (b). *In vivo* digestibility.
- (c) Use of Metabolizable energy in ruminants.