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**EASTERN UNIVERSITY, SRI LANKA**  
**SECOND YEAR SECOND SEMESTER EXAMINATION IN AGRICULTURE – 2011/2012**  
**AS-2201 MANAGEMENT OF RUMINANTS**  
**END SEMESTER EXAMINATION**  
**Jan/Feb-2014**

Answer all questions

Time allowed: 1 hour

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1. a) Discuss the followings:
- i. Factor affecting milk production and composition (15 marks)
  - ii. Vaccination schedule for cattle herd (10 marks)
  - iii. Principles of clean milk production (15 marks)
- b) Briefly discuss the following:
- i. How do you minimize heat stress in dairy cattle (30 marks)
  - ii. Care and management of pregnant buffalo (30 marks)
2. Write short notes on the following:
- a) Nutrition of lactating cow (30 marks)
  - b) Important routine practices performed on young calves and explain why the practices are necessary (40 marks)
  - c) Which specific practices improve production efficiency? (30 marks)