

**EASTERN UNIVERSITY, SRI LANKA**



**SECOND YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE-2007/2008**

**ASC 2101- Nutrition and Feed Formulation of Farm and Aquatic Animals**

Answer all questions

Time allowed: 2 hours

1. Briefly discuss the followings:
  - i. Systems of expressing energy value of livestock feeds
  - ii. Classification of feed additives according to their mode of action.
  
2. Write an account on the nutrient requirements and feeding systems of freshwater pond fishes.
  
3. Write notes on the followings:
  - i. Factors affecting the water consumption of chicken.
  - ii. Creep feeding of swine.
  - iii. Anti-nutritive factors / deleterious constituents present in animal feed.
  
4. Discuss the methods to determine the digestibility of ruminant feeds.