



The Open University of Sri Lanka  
Faculty of Engineering Technology  
Industrial Studies (Agriculture) Programme

Final Examination- 2009

**AEI 6239 Animal Husbandry and Production**

Date : 31-03-2009  
Time : 0930-1230 hours

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**SECTION II**

1.
  - a) "The incubator method allows the hens to resume egg production, but it involves additional expense for the incubator." Explain the important factors to be considered while installing an incubator.
  - b) Discuss the factors affecting the duration and successes of incubation while you managing an incubator.
  
2.
  - a) Write a practical brooding schedule for poultry chicks from introduction of chicks up to 35 days of brooder period.
  - b) Write short notes on any three (03) of the followings.
    - i) Culling of eggs for incubation.
    - ii) Body characteristics of a good layer.
    - iii) Litter management of poultry house
    - iv) Nutritional value of eggs.
  
3.
  - a) Name different types of Silos use to store silage.
  - b) Discuss the potential nutrient losses during ensiling and explain the management practices which can follow to minimize the silage losses.
  
4.
  - a) Discuss the factors to be remembered for successful inoculation of legumes with *Rhizobium* strain.
  - b) "How animals are managed on pastures can have strong effects on forage production and persistence, as well as on animal production. Selection of grazing management practice is a key decision in designing a pasture management program." Explain important grazing practices useful for successful pasture management.
  
5.
  - a) Briefly explain types of integrated livestock fish farming systems.
  - b) Discuss broadly potentials and constraints of livestock fish integration systems.
  
6.
  - a) Write an account on sow management under following topics.
    - i) Preparation for farrowing
    - ii) Signs of farrowing
    - v) Farrowing
    - vi) Feeding the suckling sow.
  - b) Explain different pig management systems.