



The Open University of Sri Lanka
 Faculty of Engineering Technology
 Bachelor of Industrial Studies (Agriculture) Programme
 Final Examination – 2015/2016
 AEI6239 Animal Husbandry and Production

Date : 25/11/2016
 Time : 09.30 a.m. – 12.30 a.m.
 Duration : 03 hours

Registration Number:

Section 02 – Answer any four (04) out of the six (06) questions. Use answer books and/or sheets to answer this section.

- 1) a) What is Silage? Explain the process of making silage.
 b) Describe the parameters that can be used to test forage quality.
- 2) a) Define the term, "Livestock-Fish Integrated System".
 b) Explain the potentials and constraints of establishing a pig-fish integrated system in the North Western Province of Sri Lanka.
- 3) a) What is colostrum? Discuss the importance of feeding colostrum to new born calves.
 b) Discuss all the management practices of a new born calf on following aspects:
 - Prevention of diseases
 - Prevention of mechanical injuries
 - Calf identification methods
- 4) a) Describe the process of artificial insemination in cattle.
 b) Discuss the advantages and disadvantages of artificial insemination in cattle.
- 5) a) Discuss the methods used for producing hatching eggs.
 b) Discuss different criteria used for culling chicken.
- 6) a) Define the term "Drying Off" and explain its importance for optimum milk production in a cattle farm.
 b) Compare the following aspects between cattle and buffalo:
 - Physiological features
 - Physical and chemical qualities of dairy and meat products