



The Open University of Sri Lanka
Faculty of Engineering Technology
Bachelor of Industrial Studies Honours (Agriculture) Programme
Final Examination- 2016
AEI4238 Agricultural biology 11

Date: 25.11.2016
Time: 9.30 a.m. – 12.30 p.m.
Duration: Three (03) hours

SECTION 11

- Contains six (06) questions.
 - Answer any four (04) questions.
 - You may spend two (02) hours
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1. Describe the process of Carbohydrate digestion in Cattle.
2. Explain – difference of the structure of poultry digestive system from the structure of generalized digestive tract.
3. Write an essay on hormonal control of oestrus cycle of a cow.
4. Describe the causal agent, the way of transmission, diagnosis, treatments, prevention and control of any two (02) of the following diseases.
 - i. Mastitis.
 - ii. Foot and mouth disease.
 - iii. Pullorum.
5. Write short essays on any two (02) of following.
 - i. Classification of animal feed.
 - ii. Actual growth curve of an animal.
 - iii. Digestive system of Rabbit

6. Write short notes on any **three (03)** of following.

i. Homeostasis.

ii. Functions of water in animal body.

iii. Classification of Carbohydrates.

iv. Structure of poultry egg.