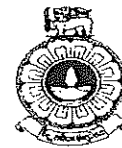


The Open University of Sri Lanka
Faculty of Engineering Technology
Department of Agricultural and Plantation Engineering



Study Programme : Bachelor of Industrial Studies Honours (Agriculture)
Name of the Examination: Final Examination
Course Code and Title : AGI4538/AEI4238 Agricultural Biology11
Academic Year : 2019/2020
Date : 10.10. 2020

Section 11

1. Explain the functions of Pituitary hormones in growth and development of farm animals.
2. Describe the cellulose/fiber digestion process of cattle.
3. Explain the structure of poultry digestive system.
4. Describe the egg formation process of poultry by illustrating and labelling the structure of reproductive system.
5. Describe the causal agent, transmission, diagnosis and prevention and control of Mastitis.
6. Write short notes on any **two (02)** of following.
 - i. Importance of nutrient analysis of animal food.
 - ii. Classification of carbohydrates.
 - iii. Prevention and control of infectious diseases of farm animals.