

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** : AGI5471 Animal Biology  
Academic Year : 2020/2021  
Date : 22.02.2022

**Section 11**

1. “Study of anatomy and physiology of farm animals is useful for the increase of animal production” Justify the statement giving reasons.
2. Evaluate the suitability of digestive tract of the cattle for cellulose (fiber) digestion.
3. Describe the structure of poultry digestive system while comparing it with generalized digestive system.
4. Describe the functions of Pituitary hormones in growth and development of farm animals.
5. Discuss the measures that can be taken to prevent and control animal diseases.
6. Describe the structure of reproductive system of poultry while highlighting its contribution to egg formation.

(Each question carries 25 marks)

