

Senior Three Activity 22 May 2020

1. a) Suggest the reasons for grinding animal feed stuffs
- b) State the major steps involved in ration formulation and balancing
- c) Explain the problems faced in feed formulation and balancing
2. a) Describe the following methods of selection in livestock breeding;
 - i. Individual selection
 - ii. Pedigree selection
 - iii. Progeny testing
- b) Outline the ideal traits of heifer and bulls considered when selecting animals for breeding
3. a) Describe the reproductive system of a bull stating clearly the functions of the different parts labeled.
- b) Explain the factors that determine the fertility of a bull.
4. a) Describe the hormonal mechanism controlling the oestrous cycle in cattle
- b) Describe the signs of oestrous in the following farm animals.
 - i. Goats
 - ii. Pigs
 - iii. cattle
5. a) Explain why artificial insemination technology should be encouraged in livestock farming communities of Uganda.
- b) What are the constraints to the adoption and development of artificial insemination technology in Uganda?

To be continued