

KISII UNIVERSITY

CERTIFICATE IN ANIMAL HEALTH SCIENCE Y2S1 APRIL 2024 EXAMS

ANSC 00250: RUMINANT HUSBANDRY

Answer question one and any other 2 questions.

1a) Differentiate between the following terms as used in ruminant husbandry.

- i) Animal husbandry and ruminant husbandry (4mks)
- ii) Culling and weaning (4mks)
- iii) Artificial insemination and synchronization (4mks)
- iv) Progeny and pregnancy (4mks)
- v) Gestation and lactation (4mks)

b) Give brief description of the following breeds of cattle (10mks)

- i. Friesian
- ii. Arshyre
- iii. Sahiwal
- iv. Jersey
- v. Guernsey

2a) How can you artificially rear lambs (5mks)

b) State the precautions taken during calving (5mks)

c) Mention some 5 signs of kidding (5mks)

d) Write short notes on calf pen hygiene (5mks)

3 a) Discuss the three methods of dairy cattle selection (10mks)

b) What can be done to improve the productivity of local goats (5mks)

c) Write short notes on weaning of lambs (5mks)

4a) How can you graft a lamb using a placental fluids (10mks)

b) Briefly give the difference between enterotoxaemia and ketosis in sheep.

c) Outline at least 5 factors to consider while deciding on beef production systems (5mks)