



“Investing in Africa’s future”

**COLLEGE OF HEALTH, AGRICULTURE AND NATURAL
SCIENCES**

NAAS 402: RUMINANT ANIMAL PRODUCTION

END OF SECOND SEMESTER FINAL EXAMINATIONS

MAY/JUNE 2020

LECTURER: MR. P. B. MUVHURINGI

DURATION: 48 HRS

INSTRUCTION

Choose and Answer **ONE** question Only

All Questions Carry Equal Marks (100)

Question 1

1. i. Discuss the constraints which confront the sheep industry in Zimbabwe. [20]
- ii. Outline the traits of economic importance for indigenous goats. [20]
- iii. Describe the features of the following goat breeds;
 - a. Kalahari red [20]
 - b. Boer goat [20]
 - c. Small East African [20]

Question 2

2. a. Outline the advantages of keeping small livestock over other types of livestock like cattle. [25]
- b. Identify and explain the factors which farmers would consider when choosing a production system. [25]
- c. Giving examples of breeds, explain how crossbreeding was used to improve the breeds of sheep and goats. [25]
- d. Outline the factors that affect the choice of breeds of sheep and goat. [25]

Question 3

- a. Which goat breed will you recommend for a smallholder farmer in Mutasa District? In your answer, highlight the reasons for choosing that breed. [25]

- b. What type of records can be kept in sheep and goat production? [25]
- c. Identify and explain the factors considered when selecting sheep and goats for fattening. [25]
- d. Explain why small ruminant animals are important in enhancing climate change adaptation capacities for smallholder farmers. [25]

END OF EXAMINATION PAPER