



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF AGRICULTURAL AND FOOD SCIENCES

FOURTH YEAR SECOND SEMESTER UNIVERSITY EXAMINATION FOR

THE DEGREE OF SCIENCE IN ANIMAL SCIENCE

2017/18 ACADEMIC YEAR

REGULAR

COURSE CODE: AAS 3422

COURSE TITLE: SHEEP AND GOAT PRODUCTION

EXAM VENUE:

STREAM: BSc. ANIMAL SCIENCE

DATE:

EXAM SESSION:

TIME: 2 HOURS

INSTRUCTIONS

- 1. Answer ALL questions in Section A and Any other 2 Questions in section B**
- 2. Candidate ae advised not to write on question paper**
- 3. Candidate must hand in their answer booklets to the invigilator while in the examination room**

SECTION A (30MKS)

Answer All Questions in this Section

1. Explain the meaning of the following terms as used in animal production
 - Polyestrous (2mks)
 - In Situ Conservation (2mks)
 - Probiotics (2mks)
 - Feed additives (2mks)
 - Dystocia (2mks)
2. Compare the characteristic traits of goats and sheep with respect to
 - a) Foraging (2mks)
 - b) Social behavior (2mks)
 - c) Nutrition (2mks)
 - d) Reproduction (2mks)
 - e) Social dominance (2mks)
3. Explain any six reasons as to why farmers should embrace dairy goat farming in Kenya (6mks)
4. Describe the Management systems commonly used in beef goat production in Kenya (4mks)

SECTION B (40MKS)

Answer ANY TWO questions from this Section

5. Describe the following as used in sheep production:
 - a) Breeding systems (10 mks).
 - b) Criteria used in selecting of the rams as breeding stock (10mks)
6. Describe the management of goat under the following;
 - a) Housing (5mks)
 - b) Breeding (5mks)
 - c) Selection (5mks)
 - d) Feeding (5mks)
7.
 - i) Explain the various factors to consider in determining fleece quality(12mks)
 - ii) Discuss any four management systems used in goat production (8 mks)