



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

P.O. Box 972-60200 - Meru-Kenya.

Tel: 020-2069349, 061-2309217. 064-30320 Cell phone: +254 712524293, +254 789151411

Fax: 064-30321

Website: www.mucst.ac.ke Email: info@mucst.ac.ke

---

## University Examinations 2012/2013

SECOND YEAR, SECOND SEMESTER EXAMINATIONS FOR DIPLOMA IN AGRICULTURE

### ANS 0230: NON-RUMINANT HUSBANDRY

DATE: APRIL 2013

TIME: 1½ HOURS

INSTRUCTIONS: Answer questions *one* and any other *two* questions

#### QUESTION ONE – (30 MARKS)

- Give five reasons that explain why non-ruminants are more popular than ruminants. (10 Marks)
- Outline some of the factors that are considered when sitting a pig unit. (10 Marks)
- Name five challenges that face poultry production in Kenya. (5 Marks)
- Name any five bee-keeping equipments. (5 Marks)

#### QUESTION TWO – 15 MARKS

- Bee keeping is an important enterprise in Kenya but is faced by a myriad of challenges. Name any six. (6 Marks)
- Name six factors that you would consider in siting an apiary. (9 Marks)

#### QUESTION THREE – 15 MARKS

- Draw and label the digestive tract (system) of a rabbit. (8 Marks)
- Give reasons why record keeping is important in livestock rearing. (7 Marks)

#### QUESTION FOUR – 15 MARKS

- Pig production has been on the increase over the recent past in Kenya. Give any three reason for this trend. (3 Marks)
- Name four pig breeds found in Kenya. (4 Marks)
- Explain the difference between swarming and absconding by honey bee colonies. (8 Marks)

#### QUESTION FIVE – 15 MARKS

- Name any three fish farming equipments. (3 Marks)
- Name three types of fish. (3 Marks)
- Outline six challenges that fish farmers face in Kenya. (6 Marks)
- Name any three fish preservation methods at the farm level. (3 Marks)