



## MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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### University Examinations 2015/2016

SECOND YEAR, FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN FOOD SCIENCE AND TECHNOLOGY, BACHELOR OF SCIENCE IN FOOD SCIENCE AND NUTRITION AND BACHELOR OF SCIENCE IN HUMAN NUTRITION AND DIETETICS

### AAP 3210: ANIMAL PRODUCTION

**DATE: NOVEMBER 2015**

**TIME: 2 HOURS**

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

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#### QUESTION ONE (30 MARKS)

- a) Name the functions of the feed rations that animals body requires (5 Marks)
- b) Describe vaccinations as a method of disease control in animals (5 Marks)
- c) Name 5 diseases that are important in dairy production and state 1 control method for each (10 Marks)
- d) State the importance of castration of male piglets (5 Marks)
- e) What are the conditions required in a hatchery? (5 Marks)

#### QUESTION TWO (20 MARKS)

- a) Describe the piglet management practices (10 Marks)
- b) Discuss the good management systems that are employed as remedies to overcome dry season in extensive beef production (10 Marks)

**QUESTION THREE (20 MARKS)**

- a) Describe the criteria for the selection of Boar and Gilt in pig production (10 Marks)
- b) Differentiate between the three types of fish ponds stating their advantages and disadvantages (10 Marks)

**QUESTION FOUR (20 MARKS)**

- a) Describe the factors that affect the quality of milk ( 5 Marks)
- b) Explain why colostrum should be fed to Calves immediately after birth? (5 Marks)
- c) Describe the 3 types of beehives and show how they contribute to the cleanliness of honey (10 Marks)