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University Examinations 2015/2016

SECOND YEAR, FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION

AAP 3207: ANIMAL PHYSIOLOGY AND ANATOMY

DATE: NOVEMBER 2015

TIME: 2 HOURS

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

QUESTION ONE (30 MARKS)

- a) Explain how substances move within one area of the body to another (5 Marks)
- b) List 5 types of epithelial tissue (5 Marks)
- c) Describe the functions of the liver (5 Marks)
- d) Explain the process of inspiration (5 Marks)
- e) List structures that make female reproductive system (5 Marks)
- f) What are the functions of respiratory system (5 Marks)

QUESTION TWO (20 MARKS)

- a) Describe the structure and events that take place at the neuromuscular junction leading to muscle contraction (10 Marks)
- b) Differentiate between axial and appendicular skeleton (10 Marks)

QUESTION THREE (20 MARKS)

- a) Describe the parts of the ruminant stomach (10 Marks)

b) Describe the stages of a heart beat (10 Marks)

QUESTION FOUR (20 MARKS)

a) Name all endocrine glands and the hormones they produce and their target organs (10 Marks)

b) Describe the major supporting structure of the udder (10 Marks)