

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**EXAMINATION FOR THE AWARD OF DIPLOMA IN ANIMAL HEALTH AND PRODUCTION**

**ANHE 0111: GROSS ANATOMY**

**STREAMS:**

**TIME: 2 HOURS**

**DAY/DATE: MONDAY 4/12/2017**

**8.30 A.M – 10.30 A.M**

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**INSTRUCTIONS:**

- **Answer all questions in section A and any two questions in section B**

1. Why is it risky to dehorn a mature animal? [2marks]
2. Which bones make the hip-bone? [3marks]
3. What is the anatomical difference between the kidney of shoat and that of bovine? [2marks]
4. Name the fore stomachs of ruminants and give their common names. [6marks]
5. Fill in the table below. [6marks]

<b>SYSTEM</b>	<b>STUDY</b>	<b>ORGANS</b>
Skeletal system		
Articular system		
Muscular system		
Visceral system		
Nervous system		
Integumentary system		

6. Name five domestic animals and give the species name in each case. [5marks]
7. Name the three groups of summary glands that occur in mammals based on their location. [3marks]
8. List the brain meninges. [3marks]

**SECTION B**

9. (a) Classify bones and give an example in each type. [15marks]  
 (b) List the accessory sex glands of male mammals. [5marks]
10. (a) Which are the muscles that occur in the abdomen? [10marks]  
 (b) Name the hamstring muscles and give their clinical importance. [10marks]
11. (a) With the aid of a diagram, describe the structure of the equine colon. [14marks]  
 (b) List the parts of the female reproductive system. [6marks]