

**CHUKA**



**UNIVERSITY**

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**UNIVERSITY EXAMINATIONS**

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

**ANHE 00115: ANATOMY AND PHYSIOLOGY**

**STREAMS: CERT (ANHE)**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 10/12/2019**

**2.30 PM – 4.30 PM**

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**INSTRUCTIONS:**

**Answer ALL Questions in Section A and any Three in Section B**

**SECTION A: 40 MARKS**

1. Explain the functions of connective tissue. [5 marks]
2. List down the histological components of the epidermis. [5 marks]
3. Describe the classification of epithelial tissue. [5 marks]
4. Explain the different classification of bones. [5 marks]
5. Describe the types joints and their functions. [5 marks]
6. (a) State three functions of the mouth. [3 marks]  
(b) Differentiate between eructation and fermentation. [2 marks]
7. List the components of the male reproductive system. [5 marks]
8. Using a well labelled diagram describe the structure of a kidney. [5 marks]

**SECTION B: 30 MARKS (ANSWER ANY THREE QUESTIONS)**

9. Explain the functions of liver in adult cattle. [10 marks]

10. Explain how urine is formed in adult bull. [10 marks]
11. Name in order all the bones of:
- (a) Pectoral limb [7 marks]
  - (b) Pelvic girdle [3 marks]
12. Describe the functions of:
- (a) Omasum [5 marks]
  - (b) Abomasum [5 marks]
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