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**CHUKA**



**UNIVERSITY**

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**UNIVERSITY EXAMINATIONS**

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN ANIMAL SCIENCE**

**ANSC 464: EQUINE MANAGEMENT**

**STREAMS:ANSC**

**TIME: 2 HOURS**

**DAY/DATE: THURSDAY 6/12/2018**

**8.30 A.M – 10.30 A.M**

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**INSTRUCTION:**

- **This examination has two section i.e section A and B**
- **Attempt all questions in section A and only two questions in section B**

**SECTION A: Attempt all questions 30 marks**

1. Discuss two uses of equines. [4marks]
2. Give the complete classification of the African domestic donkey. [7marks]
3. Explain three (3) methods for physically restraining a horse. [9marks]
4. State five (5) signs of sickness in donkeys. [ 5marks]
5. Discuss two (2) nutritional requirements for the donkey. [5 marks]

**SECTION B: Attempt only two questions (40 marks)**

6. (a) Discuss the role of GnRH, LH, FSH, Estrogen and inhibin in reproduction in equines. [10 marks]
- (b) Using a diagram illustrate the female reproductive system of a donkey. [ 5 marks]

7. Discuss the following equines diseases giving the description of the disease, causative pathogen, clinic signs and treatment.
- (a) Tetanus
  - (b) Anthrax
8. Discuss feeding of equines under the following heading.
- (a) The digestive system. Illustrate with a diagram. [6 marks]
  - (b) Digestive in the stomach. [4marks]
  - (c) Digestive in the small intestines [5 marks]
  - (d) Digestion in the caecum [5 marks]
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