

**CHUKA**



**UNIVERSITY**

---

**UNIVERSITY EXAMINATIONS**

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

**ANHE 00260: ANIMAL WELFARE, ETHICS AND LAW**

**STREAMS: CERT (ANHE) Y2S2**

**TIME: 3 HOURS**

**DAY/DATE: TUESDAY 03/12/2019**

**2.30 PM – 4.30 PM**

---

**INSTRUCTIONS:**

- **Answer ALL questions in both sections**
- **Do not write on the question paper**
- **Use illustrations where necessary**

**SECTION A (40 MARKS)**

**Question One**

- (a) Define the following terminologies. [5 marks]
- Animal welfare
  - Ethology
  - Behavior
  - Stimulus
  - Anthropomorphism

- (b) List and describe the three concepts used in animal welfare. [5 marks]

**Question Two**

- (a) Describe the five animal freedoms as recognized internationally and locally in prevention of cruelty to animal as described in Act Chapter 360 of Kenyan law. [5 marks]
- (b) Describe general care of farm animal. [3 marks]
- (c) List two methods used in measuring animal welfare. [2 marks]

**Question Three**

(a) Giving examples, describe five types of animal behaviors. [5 marks]

(b) List behavioral indicators of poor welfare. [5 marks]

**Question Four**

(a) List and explain approaches to behavioral studies. [4 marks]

(b) Differentiate between innate and learned behaviors giving examples. [6 marks]

**SECTION B (30 MARKS)**

**Question Five**

(a) Discuss humane killing and transport of animals. [10 marks]

(b) In the recent years the teaching of animal behavior has become important to veterinary and agriculture students for several reasons. State five reasons for studying animals' welfare and behavior. [5 marks]

**Question Six**

(a) Act-Cap 360 of Kenyan Law champions for prevention of cruelty. Highlight the animal transportation requirements as stipulated in this Act. [5 marks]

(b) In the recent days there was an outbreak of a notifiable disease (foot and mouth) in Nandi County, as a para-vet professional you have been contacted to advice the county on actions to take to prevent the spread of the disease to neighboring counties. Citing chapter 364 of Kenyan law in provisions affecting infected areas as described in this Act. Highlight the measures you will undertake to prevent the spread of the disease. [10 marks]

---