



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

SZH 306: ANIMAL BEHAVIOUR AND MANAGEMENT

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DATE: MONDAY 26TH MARCH 2012

TIME: 11.00 A.M. – 1.00 P.M.

INSTRUCTIONS

Answer **ALL** questions in Section A and any **ONE** question in Section B. Within a section all questions carry equal marks. Illustrate your answers with diagrams and examples where appropriate.

SECTION A: (40 marks) Answer ALL Questions

1. Define each of the following terminologies
 - a) Animal behaviour
 - b) Ethology
 - c) Agonistic behaviour
 - d) Habituation
 - e) Allogrooming

2. Explain how each of the following process influence behavioural evolution of animals.
 - a) Predation
 - b) human in-put in animal breeding
 - c) domestication
 - d) maternal and neonate association

3. List and give the meaning of the methods used for behaviour recording.
4. Explain the factors that commonly lead to agnostic reactivity in farm animals under intensive farming system.
5.
 - a) Explain the factors that influence the distance traveled per day by the grazing farm animals.
 - b) Describe briefly the role of social facilitation in the feeding behaviour of animals.
6. Define each of the terminologies used in animal gait.
7. State five freedoms of animal welfare which may influence behaviour.
8. Describe the resting and sleeping behaviour in poultry.

SECTION B: (30 marks)

Answer any ONE question in this section.

9.
 - a) Describe three characteristics in female mammals that are essential for successful mating behaviour.
 - b) Describe the major behavioural characteristics of oestrus and their importance in the cow, mare, ewe, goat and sow.
10. Using the pig as the model, discuss the various ways in which animal handling before and during transportation affects their welfare, behaviour and physiological status.
11. Describe in detail the types of playing activities developed by young animals and their benefits.