



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

SZH 208: THE ANIMAL AND ITS ENVIRONMENT

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DATE: FRIDAY 30TH MARCH 2012

TIME: 2.00 P.M. – 4.00 P.M.

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INSTRUCTIONS

Answer ALL questions in Section A and any one question in Section B.

Use diagrams and examples wherever appropriate.

Within a Section ALL questions carry equal marks

SECTION A: (40 MARKS)

Answer ALL questions in Section A

1. Briefly describe the thermal zones of an animal.
2. Explain the relationship between temperature and humidity in a poultry house.
3. Describe the major responses of a pig to heat stress.
4. Explain the sources and losses of water by an animal.
5. Explain the factors that determine water intake by an animal.
6. Bos Taurus dairy cattle perform better in temperate regions. Explain the statement.
7. Explain the main objectives of hygiene in an animal's environment.
8. Describe the criteria of selecting a given livestock enterprise.

SECTION B: (30 MARKS)

Answer any ONE question.

9. Discuss the design modification of cattle, sheep and goat houses in tropical climate.
10. Discuss the effects of the environment to livestock production.
11. Give a detailed account on livestock transportation.