



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

(ANIMAL HEALTH)

SZH 202: ANIMALS FEEDS AND NUTRITION

DATE: Tuesday 23rd November, 2010

TIME: 11.00 a.m. – 1.00 p.m.

INSTRUCTIONS

Answer ALL questions in Section A and ONE question in Section B, within a section all questions carry the equal marks. Illustrate your answers with diagrams and give examples whenever appropriate.

SECTION A – (40 marks) - Answer ALL the questions.

1. Outline the role of water in an animal's body.
2. Describe briefly the classes of livestock feed.
3. Explain the differences in protein requirements for different animals.
4. Using examples outline the major classes of carbohydrates.
5. Explain factors affecting feed utilization in the farm animals.
6. Explain the factors affecting digestibility in farm animals.
7. Outline the role of calcium in an animal's body.
8. Explain ration formulation for farm animals.

SECTION B – (30 marks) – Answer any ONE question.

9.
 - a) Discuss the importance of proteins in a farm animal.
 - b) Discuss the classification of amino acids and state two examples in each case.
10. Discuss the glycolytic pathway.
11. Write an essay on fat soluble vitamins.

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