



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

(ANIMAL HEALTH)

SZH 210: TAXONOMY OF PASTURE CROPS

DATE: Tuesday 30th November, 2010

TIME: 8.00 a.m. – 10.00 a.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. Distinguish between artificial and natural classification.
2. Explain taxonomic keys in plant taxonomy.
3. Briefly outline the history of plant taxonomy.
4. Outline ways of coping with shortages in forage supply.
5. Briefly describe the different intensities of cultivated forages.
6. Outline the importance of *Leucaena leucocephala* as a fodder crop.
7. Outline agronomic features of some outstanding species of pasture crops.
8. Distinguish between stocking rate and carrying capacity.

SECTION B – (30 MARKS)

9. Discuss the roles of forage in multiple land use.
10.
 - a) Discuss the ways in which animals and forage can be brought together.
 - b) Discuss the geo-ecological classification of pastures.
11. Discuss the techniques a farmer may use in pasture management.

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