
CHUKA



UNIVERSITY

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**SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF
SCIENCE IN ENVIRONMENTAL SCIENCE**

ENSC 230: LAND USE SYSTEMS AND CLASSIFICATION

STREAMS: BSC (ENSC) Y2S1

TIME: 2 HOURS

DAY/DATE: TUESDAY 04/12/2018

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS:

- **Answer all questions in section A and any other two in section B.**
- **Do not write anything on the question paper.**

SECTION A: (30 MARKS)

- Q1. Differentiate between land suitability orders and classes. (5 marks)
- Q2. Briefly discuss any five important areas that necessitate classification of land. (5 marks)
- Q3. Briefly explain five aspects of sustainable urban growth. (5 marks)
- Q4. Highlight five philosophies of land classification. (5 marks)
- Q5. Outline the five steps of assessing land use for livestock production. (5 marks)
- Q6. Outline the key objectives of a land use policy. (5 marks)

SECTION B: (40 MARKS)

- Q7. Rural and urban land use changes lead to loss of environmental goods and services. Discuss. (20 marks)
- Q8. Discuss the various drivers to land use land cover change. (20 marks)
- Q9. Discuss the steps involved to generate a land use plan. (20 marks)
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