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**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR SCIENCE IN
ECOTOURISM AND HOSPITALITY MANAGEMENT**

ENSC 450: SOLID WASTE MANAGEMENT

STREAMS: BSC ENSC Y4S1

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 4/12/2019

8.30 A.M – 10.30 A.M

INSTRUCTIONS

**Answer all questions in section A and two in section B
Do not write on the question paper**

SECTION A (30 MARKS)

1. Briefly explain the importance of source separation in sustainable waste management. [6 marks]
2. Outline the roles of any three key actors in waste management. [6 marks]
3. With examples, differentiate between quantitative and qualitative waste prevention. [6 marks]
4. Briefly discuss any three examples of the application of 'reuse' at industrial level. [6 marks]
5. 'Waste is a resource'. Briefly explain. [6 marks]

SECTION B (40 MARKS)

6. With examples, explain how any five sustainable waste management principles can be applied to reduce the impacts associated with solid waste. [20 marks]
7. Give a detailed comparison between the typical final solid waste disposal in the developed countries and in the developing countries. [20 marks]

8. “Zero waste” is a guiding principle of the waste management strategy in Kenya. Explain how the legal system can be applied to attain zero waste. [20 marks]
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