



"Investing in Africa's Future"

COLLEGE OF HEALTH AGRICULTURE AND NATURAL SCIENCES

DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES

ANE 204 MANAGEMENT OF SOLID AND HAZARDOUS WASTES

END OF FIRST SEMESTER EXAMINATIONS

APRIL/MAY 2018

LECTURER: MS M. C. KUREHWATIRA

DURATION: 3 HRS

INSTRUCTIONS

Answer Question 1 and Question 2 and any other THREE questions

Question 1

- a) What is a hazard? [2 marks]
- b) What precautions should one take into account when handling hazardous wastes? [8 marks]
- c) Describe any two solid waste disposal methods highlighting the advantages and disadvantages of each. [10 marks]

Question 2

- a) Define the following
- i. Solid Waste [2 marks]
 - ii. Cleaner Production [2 marks]
 - iii. Landfill [2 marks]
- b) List 5 sources of solid wastes and give 3 types of wastes from each of the sources. [10 marks]
- c) Give your understanding of e waste. [4 marks]

Question 3

Discuss the impacts of poor waste management practices in Africa. [20 marks]

Question 4

Describe the functional element of a solid waste management System. [20 marks]

Question 5

- a) With the aid of a diagram, describe the cleaner production process. [12 marks]
- b) What are the benefits of Cleaner Production? [8 marks]

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be the factors one should consider when considering a landfill site. [10 marks]

n the waste hierarchy and draw a diagram to highlight its levels. [10 marks]

Question

- a) Descri
b) Explai