



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

SUPPLEMENTARY EXAM

2021/2022 ACADEMIC YEAR

SECOND YEAR FIRST SEMESTER EXAMINATIONS

FOR THE DIPLOMA IN COMMUNITY HEALTH AND DEVELOPMENT

COURSE CODE: CHD 317

COURSE TITLE: WASTE MANAGEMENT

DATE: 28/7/2022

TIME: 2.00-4.00 PM

INSTRUCTIONS TO CANDIDATES:

ANSWER ALL QUESTIONS IN SECTION A AND ONLY TWO IN SECTION B

MMUST observes ZERO tolerance to examination cheating

Paper Consists of 2 Printed Pages. Please Turn Over



SECTION A: Answer all questions (40marks)

1. Differentiate between hazardous and non-hazardous waste (4marks)
2. State four common sources of solid waste generation (4marks)
3. Give four distinction between putrescible and non-putrescible waste (4marks)
4. Differentiate the following term as used in waste management
Recycling (2marks)
Reducing (1mark)
Reuse (1mark)
5. Differentiate between waste minimization and pollution prevention (4marks)
6. Write short notes on landfill(4marks)
7. What is the difference between combustible and non – combustible rubbish? (4 marks)
8. Highlight the phases of waste disposal (4marks)
9. What are factors that determine the generation rate of solid and liquid waste?(4marks)
10. State four characteristics of hazardous waste (4marks)

SECTION B: Answer any two questions (30 marks)

11. Briefly discuss the factors considered in site selection for landfills (15 marks)
12. Describe common solid waste disposal methods (15 marks)
13. Discuss the process of waste treatment (15marks)