



(University of Choice)

MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

(MMUST)

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

MAIN EXAM

2021/2022 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER EXAMINATION

FOR THE DEGREE OF BACHELOR OF SCIENCE IN ENVIRONMENTAL HEALTH

COURSE CODE: HEH 225

COURSE TITLE: CONSERVANCY AND DRAINAGE

DATE: 21/04/2022

TIME: 8.00-10.00 PM

INSTRUCTIONS TO CANDIDATES:

Answer All Questions in Section A and Any Two Questions in Section B

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

Paper Consists of 2 Printed Pages. Please Turn Over



SECTION A: ANSWER ALL QUESTIONS (40 MARKS)

1. Outline the significance of proper disposal of excreta (5 marks)
2. Define the following terms (4marks)
 - a) Onsite sanitation
 - b) Conservancy System
 - c) Waste Water
 - d) Soil water
3. What are the advantages of Cast Iron Pipes as a drain pipe material? (4 marks)
4. You are a program officer working for an NGO in Northern Kenya. You are required to construct conservancy systems for use by the local communities, state the factors you will consider (5 marks)
5. What are the most common drain pipe materials in the Country (4 marks)
6. Outline the main disadvantages of a pour flush latrine (4 marks)
7. List any four laws/regulations that are related to conservancy and drainage (4 marks)
8. Highlight the key features that makes a Ventilated Improved Latrine a preferred conservancy system over the ordinary pit latrine (4 marks)