



MURANG'A UNIVERSITY OF TECHNOLOGY

SCHOOL OF BUSINESS AND ECONOMIC

DEPARTMENT OF HUMAN RESOURCE

UNIVERSITY ORDINARY EXAMINATION

2023/2024 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER EXAMINATION FOR

BUS/CU/HRM/BC/06/6/A, BUS/CU/FT/BC/06/6/A:

DEMONSTRATE ENVIRONMENTAL LITERACY

DURATION: 2 HOURS

INSTRUCTIONS TO CANDIDATES:

1. Answer all Question in section A and any other three questions in section B.
2. Mobile phones are not allowed in the examination room.
3. You are not allowed to write on this examination question paper.

SECTION A: ANSWER ALL QUESTIONS IN THIS SECTION

QUESTION ONE (40 MARKS)

1. What is meant by environmental management and coordination act 1999 (EMCA) (4 marks)
2. Differentiate between biotic and Abiotic resources (4 marks)
3. Outline any four basic elements of Environmental management system (EMS)
4. Explain ANT THREE effects of global warming (6 marks)
5. List any five importance of stakeholders consultation as implementation of specific environmental programs (5 marks)
6. Identify the four importance of circular economy (4 marks)
7. Outline the 5s of good housing keeping (5 marks)
8. State any two methods of minimizing noise pollution (2 marks)
9. Enumerate four criteria tanks and containers chosen for storage of hazard waste must meet (4 marks)
10. Give any two factors considered before using ISO20400 (2 marks)

SECTION TWO: (60 MARKS) – ANSWER ANY THREE QUESTIONS

11. Describe the TEN processes used for identification of environmental programs and activities (20 marks)
12. Explain any five categories of personal protective equipment (PPEs) used in prevention of occupational safety and health hazards (20 marks)
13. Identify and describe any FIVE sources of solid waste (20 marks)
14. a) Describe the following environmental protocol's
 - i. Kyotoprotocal (4 marks)
 - ii. Monetreal protocol (4 marks)

b) With examples, explain the principles of 3Rs according to environmental resources management. (12 marks)
15. Taking an example of 'lifting' an object from the ground biomechanics seek relevant information.
 - i. What is the task to be performed (task variable) (6 marks)
 - ii. Would the person be able to do task (human variable)? (7 marks)
 - iii. What is the type of environment (environment variable) (7 marks)