



MURANG'A UNIVERSITY OF TECHNOLOGY
SCHOOL OF PURE AND APPLIED HEALTH SCIENCES
DEPARTMENT OF PHYSICAL AND BIOLOGICAL SCIENCES

UNIVERSITY ORDINARY EXAMINATION

2023/2024 ACADEMIC YEAR

**FIRST YEAR SECOND SEMESTER EXAMINATION FOR BACHELOR OF
SCIENCE IN HOSPITALITY MANAGEMENT**

HHM403: ENVIRONMENTAL MANAGEMENT

DURATION: 2 HOURS

INSTRUCTIONS TO CANDIDATES:

1. Answer question one and any other two questions.
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 (30 MARKS)

- a. Explain the following concepts in environmental management. (1 mark each)
 - i. Sustainability
 - ii. Occupational hygiene
 - iii. Non point pollution
 - iv. Degradation
 - v. Reclamation
- b. Explain five roles of an environmental management system in hospitality sector. (5 marks)
- c. Outline 5 international standards organisation (iso) that are relevant to hotels. (5 marks)
- d. Suggest 5 energy efficient enhancement that also ensures comfort and convenience of guest and staff in hotels. (5 marks)
- e. Describe 5 principles of responsible purchasing. (5 marks)
- f. List five prominent environmental conventions. (5 marks)

SECTION B – ANSWER ANY TWO QUESTIONS IN THIS SECTION

QUESTION TWO (20 MARKS)

- a. Describe four objectives of setting up a waste management programme in hotels. (8 marks)
- b. Describe six waste management actions in hotels. (12 marks)

QUESTION THREE (20 MARKS)

- a. Describe the water and energy conservations practices implemented by the hotel sector in Kenya. (10 marks)
- b. Describe 10 benefits of introducing a responsible purchasing strategy in hotels. (10 marks)

QUESTION FOUR (20 MARKS)

- a. Describe good management practices in fuel oil handling and storage in hotels. (10 marks)
- b. Describe guiding principles of good environmental practices in hospitality. (10 marks)