



ZIMBABWE EZEKIEL GUTI UNIVERSITY
COLLEGE FOR LIFELONG EDUCATION

FACULTY OF SCIENCE, TECHNOLOGY, AGRICULTURE AND FOOD SYSTEMS

EXAMINATION PAPER

MODULE CODE : DLAD112

MODULE TITLE : Introduction to Environmental Safety and Health

DURATION : 3 Hours

LEVEL : 1:1

DATE :

29 JUL 2024

INSTRUCTIONS TO CANDIDATES:

1. Question Number 1 in Section A is compulsory.
2. Answer any other two (2) questions from section B.
3. Each question carries twenty-five (25) marks
4. Number of marks for part questions are shown in brackets
5. Start each question on a new page
6. This paper consists of two (2) pages
7. Answer sheets are provided

Section A: Compulsory

Question 1

The Bindura Municipality council has approved a redevelopment project for a run-down urban park located in a densely populated area. The park currently features outdated playground equipment, cracked walkways, overgrown vegetation, and poorly lit pathways. The Municipality aims to transform the park into a vibrant community space that promotes health, safety, and well-being for all visitors, including children, seniors, and people with disabilities.

- a. Identify and analyze potential health and safety hazards associated with the proposed urban park redevelopment project (10 marks)
- b. What strategies should landscape architects employ to promote environmental health through design? (15marks)

Section B: Answer any two (2) questions from this section

Question 2

- a. Discuss the key safety protocols that landscape contractors should follow to protect workers and the public. (12 marks)
- b. How can these protocols be effectively communicated to all team members? (13 marks)

Question 3

Discuss the major national regulations that impact landscape architecture and how do these regulations influence design decisions? (25 marks)

Question 4

- a. Discuss how fundamental principles of landscape design that contribute to safety in public spaces? (12 marks)
- b. How can landscape design minimize the risk of accidents and injuries in outdoor environments? 13 marks)

Question 5

What are the key safety and health laws used on Occupational Safety and Health in Zimbabwe? (25 marks)

The End