

LEVEL 4

Demonstrate Environmental Literacy

March/April 2026



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

WRITTEN ASSESSMENT

TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATE

1. This paper consists of **TWO** sections **A** and **B**.
2. Answer **ALL** the questions in each section.
3. Marks for each question are indicated in the brackets.
4. You are provided with a separate answer booklet to answer the questions.
5. Do not write on the question paper.

This paper consists of FOUR (4) printed pages.

**Candidate should check the question paper to ascertain that all pages
are printed as indicated and that no questions are missing.**

SECTION A (10 MARKS)

Answer all the questions in this section, each question is one mark

1. Select the correct reason for using Personal Protective Equipment (PPE) at the workplace.
 - A. To improve appearance
 - B. To reduce exposure to hazards
 - C. To increase working hours
 - D. To replace safety training
2. Identify the organization in Kenya responsible for enforcing environmental management regulations.
 - A. Kenya Power
 - B. Ministry of Health
 - C. National Environmental Management Authority (NEMA)
 - D. County Assembly
3. Which of the following is an example of a solid waste management practice.
 - A. Noise control
 - B. Waste segregation
 - C. Air conditioning
 - D. Water purification
4. The tool commonly used to measure electricity consumption in a workplace is called _____.
 - A. Thermometer
 - B. Voltmeter
 - C. Electricity meter
 - D. Pressure gauge
5. _____ is a waste disposal method that involves combustion.
 - A. Incineration
 - B. Incubation
 - C. Composting
 - D. Recycling
6. Which of the following is classified as a non-renewable source of energy.
 - A. Wind
 - B. Biomass

- C. Coal
 - D. Solar
7. Select the appropriate method of disposing hazardous chemical waste.
- A. Open dumping
 - B. Burning in open air
 - C. Disposal according to environmental regulations
 - D. Mixing with domestic waste
8. Choose the Personal Protective Equipment (PPE) to be worn in a noisy environment.
- A. Safety boots
 - B. Face shield
 - C. Ear muffs
 - D. Reflective jacket
9. Which of the following is a type of environmental pollution.
- A. Recycling
 - B. Composting
 - C. Noise pollution
 - D. Conservation
10. _____ is considered a greenhouse gas.
- A. Carbon dioxide
 - B. Carbon monoxide
 - C. Nitrogen
 - D. Oxygen

SECTION B (40 MARKS)

Answer ALL questions in this section

11. List FOUR types of Personal Protective Equipment (PPE) that can be worn when handling hazardous waste. (4 Marks)
12. Give FOUR ways of safely storing hazardous waste. (4 Marks)
13. State FOUR measures used to control solid waste in compliance with environmental regulations. (4 Marks)
14. Identify FOUR ways in which noise pollution can be minimized in a working environment. (4 Marks)
15. Name FOUR natural resources in the environment. (4 Marks)
16. State FOUR benefits of applying the 3Rs principles in resource management. (4 Marks)
17. List FOUR common sources of air pollution in the environment. (4 Marks)
18. State FOUR ways of minimizing resource wastage in an organization. (4 Marks)
19. Give FOUR ways of minimizing inhalation of toxic industrial fumes and gases. (4 Marks)
20. Outline FOUR types of solid waste. (4 Marks)

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