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## LEVEL 5

### Demonstrate Environmental Literacy

November/December 2025

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

### WRITTEN ASSESSMENT

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**Time: 3 HOURS**

### INSTRUCTIONS TO CANDIDATE

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1. Marks for each question are indicated in the brackets.
2. The paper consists of **TWO** sections: **A** and **B**.
3. Candidates are provided with a separate answer booklet
4. **DO NOT** write on this question paper.

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**This paper consists of THREE (3) printed pages**

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

**SECTION A (40 MARKS)**

***Answer ALL the questions in this section.***

1. National Environmental Management Authority is a public body responsible for coordinating environmental activities in Kenya. State FOUR challenges the organization faces in implementing its mandate (4 Marks)
2. There are various types of environmental resources. Outline FOUR types of environmental resources (4 Marks)
3. Landfills are cost effective methods of managing solid waste. However, they present a number of challenges. State FOUR disadvantages of landfills in Kenya (4 Marks)
4. Communities do have different needs based on their environment. State FOUR problems faced by rural communities in Kenya (4 Marks)
5. Environmental Management and Coordination Act guides the country on all areas concerning the environment and all the institutions responsible for enforcement. List FOUR institutions that have been established by this principle act (4 Marks)
6. There have been several multilateral environmental agreements across the world. Identify FOUR multilateral environmental agreements (4 Marks)
7. List FOUR greenhouse gases (4 Marks)
8. There are basic elements of Environmental Management System (EMS), identify FOUR of these elements (4 Marks)
9. Differentiate between qualitative data and quantitative data (4 Marks)
10. Monitoring process is intended to generate meaningful information and improve implementation of mitigation measures on a project or program. State FOUR objectives of conducting monitoring (4 Marks)

**SECTION B (60 MARKS)**

***Answer Any THREE Questions in This Section***

11.

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a) Date: 18.11.2025 02:11 PM

i. Define the term environmental strategy (2 Marks)

ii. Describe the features of an environmental strategy (10 Marks)

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b) Explain FOUR effects of global warming (8 Marks)

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12.

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a) State TWO importance of assigning roles and responsibilities when implementing an environmental program (2 Marks)

b) Explain FOUR importance of stakeholder consultation (8 Marks)

c) Good housekeeping is essential for being organized and working efficiently. Discuss the (FIVE) 5s of a good housekeeping (10 Marks)

13.

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a) Explain the steps involved for a successful purchasing strategy (12 Marks)

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b) Article 69 the constitution of Kenya 2010 outlines several principles. Describe FOUR methods of reducing resource consumption as per the article (8 Marks)

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14.

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a) List FIVE examples of ergonomic hazards (5 Marks)

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b) Using a well-labeled diagram, describe the hazard control hierarchy (15 Marks)

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