

LEVEL 4

Demonstrate Environmental Literacy

Nov/Dec 2024



**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 question as guided in each section
3. Marks for each question are as indicated in the brackets
4. You are provided with a separate answer booklet to answer the questions
5. Do not write in this question paper

This paper consists of FOUR (4) 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 (10 MARKS)

Answer All questions in this section. Each question carries one mark

1. The following are considered to be neighborhood noise except _____
 - A. Vehicles on roads
 - B. Musical instruments
 - C. Loud speakers
 - D. Television
2. Select the appropriate step followed when developing an environmental resource efficiency system
 - A. Access resource usage and waste generation activities, establish your resource use profile, prioritize resource efficiency actions, document and review plan/process
 - B. Document and review plan/process, prioritize resource efficiency actions, establish your resource use profile, access resource usage and waste generation activities
 - C. Establish your resource use profile, access resource usage and waste generation activities, prioritize resource efficiency actions, document and review plan/process
 - D. Establish your resource use profile, prioritize resource efficiency actions, access resource usage and waste generation activities, document and review plan/process
3. The following are examples of Personal Protective Equipment's except _____
 - A. Masks
 - B. Gloves
 - C. Overall
 - D. Sandals
4. Select the odd one out
 - A. Wind
 - B. Oil
 - C. Water
 - D. Sun
5. The following are uses of data in an organization except
 - A. Provide evidence to back up your conclusions
 - B. Explain complex information
 - C. Enhance inefficiency
 - D. Show trends or relationships

6. Which of the following is the environmental governing body in Kenya
 - A. Environmental Management and Coordination Act
 - B. National Environment Management Authority
 - C. Ministry of Education
 - D. Government of Kenya
7. Resources can be distinguished into three different views except
 - A. The consumer's view
 - B. The economist's view
 - C. The Physical's view
 - D. The ecologist's view
8. Select the ODD ONE out
 - A. Glass bottles
 - B. Metals
 - C. Debris
 - D. Plastics
9. Which of the following is a source of sulphur dioxide pollutant
 - A. Atomic power stations
 - B. Sea spray
 - C. Wind spray erosion
 - D. Respiration in living things
10. The following are principles of sustainable development as outlined in EMCA 1999 except

 - A. Principle of public participation
 - B. Polluter-pays principle
 - C. Principle of intergenerational and intra-generational equity
 - D. Principles of commitment and engagement

SECTION B (40 MARKS)

Answer ALL questions in this section.

11. State FOUR components that comprise waste management (4 Marks)
12. Differentiate between reserve resources and stock resources (4 Marks)
13. You have been selected by the management of your company to represent the company in negotiating with suppliers during a bidding process. List FOUR skills you will require to effectively negotiate in favor of your company (4 Marks)
14. Highlight FOUR ways of reducing air pollution (4 Marks)
15. Minimizing waste is crucial for environmental sustainability. State THREE methods on how waste can be minimized in a home setup (3 Marks)
16. State FOUR types of pollution (4 Marks)
17. Give THREE categories of solid waste based on their origin (3 Marks)
18. There is need to integrate environmental management into learning institutions. Highlight FOUR ways in which this can be achieved (4 Marks)
19. State FOUR ways of preventing fire incidence at work place (4 Marks)
20. Outline the steps followed in measuring current resource use in an organization. (6 Marks)