

Demonstrate Environmental Literacy Level 6

3 Hours

March/April 2023



**THE KENYA NATIONAL EXAMINATIONS COUNCIL
WRITTEN ASSESSMENT**

Time: 3 hours

INSTRUCTIONS TO CANDIDATES

*The paper consists of **TWO** sections A and B.*

*Answer **ALL** questions in sections A and **THREE** questions in section B.*

Marks for each question are indicated in brackets.

Do not write on this question paper.

Write your answers in the answer booklet provided.

*Answer the questions in **English**.*

This paper consists of THREE (3) printed pages.

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

SECTION A [40 MARKS]

*Answer **all** the questions in this section*

1. List **four** tools used in collecting environmental data. (4 marks)
2. State **four** human activities that contribute to groundwater contamination. (4 marks)
3. Identify **four** causes of indoor air pollution at workplace. (4 marks)
4. List **four** solutions to reducing electricity wastage at workplace. (4 marks)
5. Identify **four** health problems associated to noise pollution at workplace. (4 marks)
6. Outline **four** precautions to consider when transporting hazardous wastes. (4 marks)
7. State **four** challenges encountered in implementing environmental regulations in industries. (4 marks)
8. Justify **four** needs for eco-friendly purchasing at workplace. (4 marks)
9. List **four** skills necessary for a team leader involved in implementation of an environmental program. (4 marks)
10. Highlight **four** objectives of environmental legislation. (4 marks)

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SECTION B (60 MARKS)

Answer any **three** questions in this section

- 11.** a) You are an employee at the county directorate of environmental management office, discuss various strategies of improving resource efficiency at your place of work. (10 marks)
- b) Describe **five** environmental programs or activities that a manufacturing company would embark on. (10 marks)
- 12.** a) Discuss the challenges associated with implementing an environmental program in an organization. (10 marks)
- b) Explain **five** disposal methods for hazardous waste. (10 marks)
- 13.** a) Discuss the content of an environmental management proposal. (10 marks)
- b) Explain **five** roles of National Environmental Management Authority (NEMA) Kenya in monitoring and reporting environmental incidences. (10 marks)
- 14.** a) Discuss advantages of an incinerator in waste management. (10 marks)
- b) Elaborate **five** reasons for over-exploitation of forests as a natural resource. (10 marks)

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