

KIYALA HIGH SCHOOL
END OF YEAR ASSESSMENT TEST 2024
CHEMISTRY
S.1

Time: 2 Hours

INSTRUCTIONS:

- This paper consists of *two* sections *A* and *B*. It has *four* examination items
- Section *A* is *compulsory*
- Responses to this section are to be written in the spaces provided in this booklet.
- Answer *two items* from section *B*, choosing *one* from each part.
- Responses to this item are to be answered in the answer booklet provided.
- Any additional item answered will not be scored

SECTION A

Attempt all items in this section

Item 1

A new dairy factory in Kumi intends to make a long lasting and environmentally friendly packaging material for its new dairy product. The managing director prefers aluminum bottles than the rest of materials available on market.



However, she is not sure of the materials' suitability and has approached you for advice.

Task

As a learner of chemistry,

- a) Explain,
 - i. The category of the material.

(03scores)

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ii. The suitability of the material for the product.

(03scores)

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b) What impact does the material have on the environment?

(02 scores)

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SECTION B

PART I

Attempt only one item from this part.

Item 2

Nitrogen is one of the components used in manufacture of fertilizers needed by farmers. In an attempt to continue supporting the country's agricultural sectors, the government is seeking to ensure a steady availability of nitrogen and has hired an investor to set up a nitrogen production plant in your community. The community members want to know more about nitrogen and how the process of production will be carried out.



Task

As a chemistry student, make a write up you will deliver during your presentation.

(08 scores)

PART II

Attempt only one item from this part.

Item 3

Farming, washing of clothes and industrialization has caused fresh water bodies to suffer severe pollution. The government of Uganda aims to create awareness regarding the natural resource through various initiatives. One of the initiatives is to involve students with good knowledge of chemistry in radio talk shows.

Task

Write a presentation you can use.

(08scores)

Item 4

There has been a rise in destruction of natural resources country wide for the last 10years and this has attracted the attention of the officials from National Environmental Management Authority (NEMA).



The officials are planning to sensitize the people country wide about sustainability of the natural resources through wide television broadcasts.

Task

As a chemistry learner, prepare a write up you would deliver upon invitation as one of the presenters.

(08scores)

*****END*****