

KIYALA HIGH SCHOOL

MID-TERM ASSESSMENT TEST 2025

CHEMISTRY

S.1

Time: 1 Hours

INSTRUCTIONS

- This paper consists of **three** examination items. It has **two** sections; **A** and **B**.
- Attempt **all** the items in section **A**. Answers to this item **must** be written in the **spaces** provided in this booklet.
- Section **B** has **two** items attempt **only one** item from this section.
- Any additional item attempted will **not** be scored.

SECTION A

(Attempt all the items in this section)

Item 1:

Teso College Aloet is hosting a "Science Fair Market Day." Each student group has been assigned a stall showcasing products related to a specific scientific field. One group, the "Chem Wizards," has a stall filled with various items, but some of which include A small vial of a sweet-smelling liquid (Perfume), A piece of brightly colored plastic, A small bag of fertilizer pellets, A tube of toothpaste.

"Welcome, curious minds! We challenge you to identify the products on our stall and explain their uses in our daily life. For each item you correctly identify and explain, you'll earn a 'Chem Credit.' The group with the most Chem Credits wins!"

Task;

As a member of the Chem Wizards group, use your Knowledge of chemistry to;

- a) Guide your colleagues on the use of any two products provided to them. (2 Scores)

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b) Suggest other possible products in the stall made with the knowledge of chemistry.

(3 Scores)

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c) Guide them further on the contributions of Chemistry to our economy.

(3 Scores)

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SECTION B

(Attempt only one item in this section)

Item 2:

In chemistry, chemical experiments require a special room for carrying them out. Although some experiments may be done outside in an open place. This place is called a laboratory.

It's however important that utmost caution is taken while in the laboratory to ensure safety for everyone carrying out the experiment.

The figure below shows unsafe behaviour from learners at Pelican High School in a chemistry laboratory.



You have been contacted as a knowledgeable person to come and speak to these learners.

Task;

As a chemistry learner, write a message you will give upon meeting them. In your message, using the figure above, identify any three (3) unsafe behaviours exhibited by the students of Pelican High School, identify two (2) safety precautions taken by some of the learners, write an advice you would give them to ensure they stay safe while in the chemistry laboratory.

(8 Scores)

Item 3:

A debate struck amongst senior one learners at Kiyala High School about Chemistry as one of the prestigious subjects studied as they were relating it to different activities in the society. One group of learners claimed that those who study chemistry only become chemistry teachers while another group claimed that there are many careers related to the study of chemistry. This brought a lot of arguments amongst the two groups. You were then invited to come and give a rightful information to make the two come into a common understanding.

Task:

As a chemistry learner, write a message you will deliver upon invitation. (Your message should include any three other careers related to the study of chemistry and a brief description of how the chemistry knowledge is applied in the careers identified). **(8 Scores)**

(8 Scores)

SUCCESS