

RWENZORI REGION SESEMAT
END OF YEAR ASSESSMENT 2024

SUBJECT: CHEMISTRY

CLASS: S2

TIME: 2 HOURS

SCHOOL.....

STUDENTS' NAME.....

Stream.....signature

Date.....

Instructions

- This paper consist of **two** sections **A** and **B**
- Section **A** has **two** compulsory items
- Section **B** two parts **I** and **II**
- Answer **one** item from each part
- Answer four items out of **six**
- Answers to section **A** must be written in the spaces provided, while those of section **B** must be written on the answer booklets (answer sheets) provided
- Any additional item(s) answered will not be scored

SECTION A

Answer **both** items from this section in the spaces provided

Item 1

A learner in S1 found you reading about an element $^{40}_{20}\text{Ca}$ but wants to know the properties, uses and any impact of the element

Task

As a learner of chemistry'

- a) Guide on the category of the element

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b) Explain to him the properties of the element

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c) Give him any use of the element

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d) Advise him on the dangers of using the element to the environment

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Item 2

Members of the educate club in a certain school have a juice making project using bananas which are locally available. However they are not sure of the materials to use in packing the processed juice.

Task:

As a learner of chemistry, guide the members on

a) The category of materials they can use

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b) The properties of the materials identified

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c) Other uses of the materials

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d) The impact of the material on the environment.

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SECTION B

PART 1

Answer one item from this part in the answer booklet (answer sheets) provided

Item 3

There is increased activity of metal fabrication in Uganda, which uses oxy-acetylene flames generated from oxygen and acetylene. However there is limited oxygen and an investor wants to start an oxygen processing factory but the local community is resistant because they do not know anything about the production process, side effects and benefits of the factory. You have been invited in a community awareness meeting to give a sensitisation message.

Task

Make a write up for your presentation.

Item4

Iodised salt which contains sodium chloride (common salt) is used in the treatment of goitre. But there has been a breakdown in the factory that processes and produces sodium chloride. You have been contacted as a learner of chemistry who can provide an immediate response on the production of sodium chloride.

Task

Guide on the process of its production

Part II

Answer **one** item from this part in the answer booklet provided

Item 5:

People of Harugongo , Kabarole district depend on rock quarrying as a source of income. However they do not know the impact of the activity to the environment

Task

As a chemistry learner, you have been invited by the local council to give an awareness message to the people.

Make a write up of the message.

Item 6

An industrial park is being set up in Kyembogo Datic centre, in Kabarole district but the local community there is warned about the impact of gases produced by the factories set up. The Ministry of planning and urban development has invited you as a learner of chemistry to give a message to the community.

Task:

Prepare a message you will give in the presentation.

END