

RWENZORI REGION SESEMAT
END OF YEAR ASSESSMENT 2024

SUBJECT: CHEMISTRY

CLASS: S1

TIME: 2 HOURS

SCHOOL.....

STUDENTS' NAME.....

Stream.....DateSignature.....

Instructions

- This paper consist of **two** sections **A** and **B**
- Section **A** consists of **two** items which are compulsory , Answer to this section must be written in the spaces provided
- Section **B** has **two** parts **I** and **II**
- part **I** of section **B** consist of only one compulsory item, while part **II** consists of **two** items and only one must be answered.
- all answers to items in section **B** must be written on separate sheets of paper / answer booklets provided
- Any additional item(s) answered will not be scored

SECTION A

Answer both items from this section in the spaces provided

Item I

Most interior doors are made of wood. However its durability on bathroom doors has been low as wood in easily attacked by water and people are resorting to adopting the use of aluminum doors especially for bathroom doors. A group of engineers are consulting their clients which doors to use.

Task

- a) Guide on the category of the element adopted

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b) Explain the properties of the element adopted

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c) Give other use of the element

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d) Advise on the impact of the element on the environment.

Item 2

Districts in the Rwenzori region are known for having cold conditions during the rainy seasons of September to December and March to May. Jane wants to make sweaters and jumpers to be worn by people in these seasons but has no idea on the best materials to use. She has contacted you for advice on the materials to use.

Task

a) Identify the possible categories of materials that Jane can use

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b) Explain how suitable the materials you have identified are.

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c) Point out other purpose the materials can be used for

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d) Advise Jane on the dangers of using the materials.

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SECTION B

Item 3 is **compulsory** while from item(s) 3& 4 and 5, Answer only one. All the responses in this section must be written in the answer booklets/ answer sheets provided.

PART I

Item 3 – (compulsory)

The covid-19 pandemic that hit the world in 2020 caused a lot of health challenges, including difficulties in breathing, and many patients were supported on oxygen which was not enough to meet the demands. The Government of Uganda through the Ministry of Health has decided to construct an oxygen plant in every regional referral hospital. The in charge of the hospitals need information on the raw materials, process of production, side effects of the process of production and any social benefits you have been contacted to help the in charge of the hospitals with the information above.

Task

Prepare a message for the in charge of the regional referral hospitals.

PART II

Item 4

Nyakoojo is a cattle keeper in Rwebisengo, Ntoroko district who practices bush burning in the dry season so as to have fresh grass on the onset of rainy season. His members in the community are concerned about the practice and the Resident District Commissioner (RDC) has organised an awareness meeting. You have been invited to sensitize the community about Nyakoojo's practices.

Task

As a learner of Chemistry, prepare a message you will give on the talk show.

Item 5

Rapid population increase has caused people to construct houses for settlement and also practice agriculture along the banks of river Mpanga. Activists have started the **“SAVE RIVER MPANGA”** campaign and are organizing a talk show on radio where you have been invited to give a sensitization message.

Task

As a learner of chemistry. Prepare a message you will give on the talk show.

END