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CHEMISTRY

Paper 1

JULY/AUG 2024

2 hours

ASSHU ANKOLE JOINT MOCK EXAMINATIONS 2024

Uganda Certificate of Education

CHEMISTRY

Paper 1

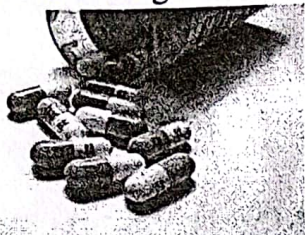
2 Hours

INSTRUCTIONS

- ❖ *This paper consists of two sections A and B*
- ❖ *All items in section A are compulsory and must be answered in the spaces provided*
- ❖ *Section B has four items from two parts. Candidates are required to attempt one item from each part.*
- ❖ *All your work **must** be in **blue or black ink**. Any work done in pencil **except** drawings will not be marked.*
- ❖ *Mathematical tables and silent non-programmable calculators may be used*

For Assessors' Use Only						
Item	1	2	3	4	5	6
Score						

1. A certain high school girl has been experiencing menstrual cramps for long. She always relies on herbal medicine prescribed by her grandmother but she doesn't get a quick relief. She feels she can get better medication from a pharmacy and has approached you since you have knowledge about chemistry.



Task

As a learner of chemistry

- a) Identify the best product she can use.

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- b) Explain to her the function of the products

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- c) Evaluate the impacts associated with long term use of the product.

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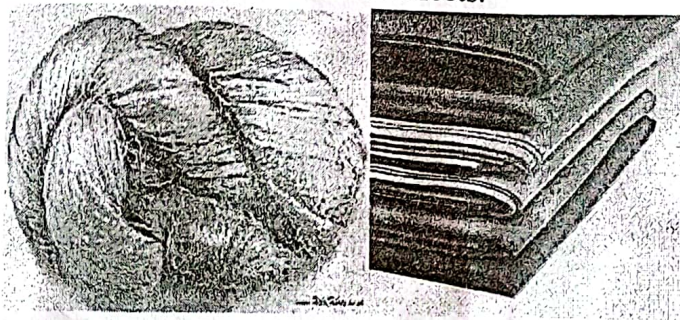
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2. Joan wishes to start up a textile industry in order to produce materials to be supplied to the neighboring schools for making uniforms. However, she lacks knowledge on the choice of the best materials that can be used with minimal environmental effects.



Task

As a learner of chemistry,

a) Explain

(i) The categories of materials

(ii) Suitability of the materials

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b) Advise on the choice of the best materials.

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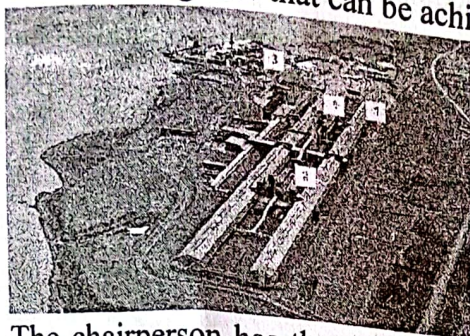
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PART 1(Choose one question from this part)

3. After the discovery of bauxite in Manafwa district, the government is considering expanding the extraction industry to boost economic growth with minimal environmental effects. However, the majority of the locals are wondering how that can be achieved and thus resistant.



The chairperson has then called for the sensitization meeting to address the challenge at hand.

Task

As a learner of chemistry make a write up of what you expect to be delivered in the meeting.

4. A cement company in Tororo is facing backlash from local residents and environmental groups over its plans to build a new factory in order to produce cement since there are increasing demands by Ugandans. Despite it being of a great advantage, the locals are worried about how the company will balance between its interests and environment protection.



Your colleagues in a certain school are also having a similar situation and thus your teacher has asked you to write a message to them.

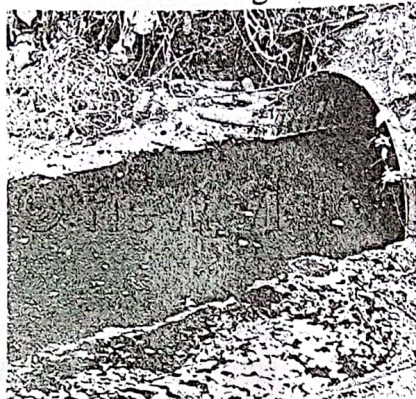
Task

Make a write up of the message that will help them using the knowledge of chemistry

PART 2(choose on question from this part)

5. Mbarara city's rapid urbanization and industrialization have led to the contamination of River Rwizi's water. This has posed a significant risk to the city's water supply and bacterial contaminants which threaten health of livelihoods.

The city mayor together with NEMA officials have started on the sensitization through workshops organized in the different communities.

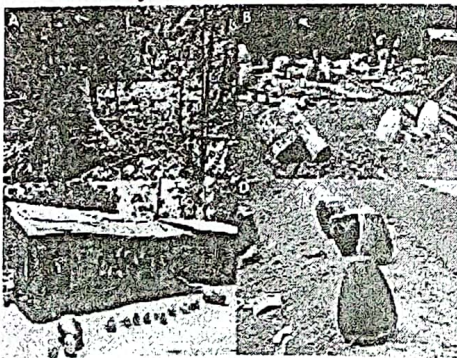


Your school has been invited since its part of the community and you have been selected to represent the school.

Task

As a learner of chemistry, make a write up of the message you will deliver during the workshop.

6. Kayabwe village in Mpigi district is an area known for drum making. Since the process involves cutting down trees and also destruction of other natural resources in order to have a nice drum, the seasons are filled with heavy sunshine and little rain is received.



The environmental experts have started on the sensitization of community members in order to find a solution to the existing challenge.

Task.

Make a write up of your expectation in the meeting using the knowledge of chemistry.

END