

NAME..... STREAM.....

LOWER CHEMISTRY CURRICULUM
END OF TERM TWO, EXAM
SENIOR THREE
CHEMISTRY
DURATION: 2 HOURS

Instructions:

- Attempt **all** questions in both sections **A** and **B**.

SECTION A

1. Namaganje a senior three student joined an entrepreneurship club, planning to make pancakes. They are wishing to sell some of their produces to a nearby market. The head teacher has advised these youths to choose the best packaging material.



Task:

As a learner of chemistry, help the youth club to;

- a) Determine the category of the material to use. **(2 scores)**

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- b) The suitability of the material chosen. **(2 scores)**

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c) Advise the students on the choice of the material. (2 scores)

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2. Complete the table below well. (8 scores)

Element	Oxygen	Nitrogen	Aluminium	Sodium
Symbol				
Atomic number				
Electronic structure				
Electronic configuration				

3. Namutebi, washes people's clothes in order to care for her family. However, she uses water from different water samples and always has observed stains on her clothes. She has decided to use two different detergents **A** and **B**.

Detergent A



Detergent B



Task:

As a learner of chemistry, help Namutebi to know;

- a) Category of the detergent to be used. **(2 scores)**

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- b) Explain how the detergents remove stains from the clothes. **(2 scores)**

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SECTION B**4. ITEM I**

Nalunkuuma, one of the uneducated rich young lady in mitooma, has invested much in industrialization, these industries such as bakery has cut down trees massively in order to obtain fuel, these industries have led to rapid urbanization in the areas. NEMA officials have obtained a group of youths to educate the locals about the industries and its impacts.

As a chemistry learner, write a brief message that would be delivered by the youths to the locals.

ITEM 2

During 2019, COVID 19 highly affected a group of youth and elders in different parts of the world. Many patients were admitted to hospitals, due to insufficient oxygen, the government decided to establish atleast an oxygen plant in each region. The locals in each region were worried about how the process would occur and the impacts to the environment.

Task:

As chemistry learner, who has gathered some ideas, help explain to the locals to reduce their stress.

END