

PATI KO SECONDARY SCHOOL.

PATI KO SUBCOUNTY .

GULU DISTRICT.

END OF TERM ONE EXAM 2024.

S 1. CHEMISTRY THEORY.

Time: 1 hour: 30 minutes.

Instructions:

Attempt all questions in the space provided.

FOR OFFICIAL USE ONLY:

QUESTIONS	EXPECTED MARKS	MARKS SCORED
1	20	
2	20	
3	10	
TOTAL	50	

1. People in your community are not aware of the important of studying chemistry. They are discouraging their children from studying chemistry in secondary claiming that the government should remove chemistry from the list of subjects to be taught in secondary school because, to them, chemistry is not contributing anything in the economy of the country and the government is wasting money in teaching chemistry. The ministry of education and sport has organised a speech day to talk to people in your community about their perceptions about chemistry as a subject and you are chosen to present a speech to the community members.

Tasks:

As a chemistry student, write a speech you will present to the community convincing them about the important of studying chemistry and clarify them why the government will not remove chemistry from the list of subjects to be studied . (20 marks).

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[illegible]

2. During dry season, in lumukura sub- county in kotido district, getting clean water for domestic use is very difficult. You can only buy little in the morning and use it sparingly throughout the day. Shanita's mother, a woman living in that place bought clean water in the morning, poured it in the soucepan and placed it in the veranda. As shanita, a very young child was playing, she poured alot of sand particles in the water which made the water dirty. Shanita's mother found the water very dirty and became very annoyed on her daughter and became confused on what she will use for domestic work since the clean water she bought is already dirty. You found her quarreling seriously to the daughter and you tried calming her down.

TASKS:

As a chemistry students, guide shanita's mother on how she can make her water clean for use again. (20 marks).

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3. John and Kelly, students of **HAVARD COLLEGE GULU CAMPUS** found their school laboratory open and no one was inside. They carried their bags and ran to enter the lab. On reaching the door, they found the floor very clean and they decided not to dirty it with their shoes, so they removed their shoes and entered bare footed into the lab.while in the lab, **Kelly** took a ball from his bag and started playing, John saw **Kelly** with the ball and he hurriedly threw his bag on the table and ran to play with **Kelly**, however his bag knocked glasses from the table. The glasses fell down and got broken on the floor. As they were playing, the broken glasses cut **John's** foots and he started bleeding, he sat down and was trying to control bleeding from his foots. **Kelly** was too thirsty, so as he was waiting for **John** to get back to the game, he took a colourless liquid which was in a glass on the table, thinking it's water and tasted, the liquid burnt his lips and he rapidly threw the glass and the liquid down which splashed on **Eroni's** bread which was left on the table in a plate. **Eroni** entered the lab and took her bread and started eating, she started feeling serious stomach pain. She got annoyed and started mixing various liquids that were on the table. The chemical reacted and caught fire in the lab. They got scared and all ran out leaving the lab to burn.

TASKS:

As a chemistry students, design a poster which have all the information that can help to stop other students from getting the same problems that both **John, Kelly** and **Eroni** went through. (10 marks).

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[illegible]

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THE END.

