

# ST. JOSEPH'S SS KAKINDU 3<sup>rd</sup> Term HOLIDAY PACKAGE-TAKE HOME WORK- HOLIDAY WORK FOR SENIOR 2 (2025)

## CHEMISTRY

### Item 1

Weddings are so valuable for legal marriages. Of recent in Matany Town Council, Daniel wedded Lydia and the ring used for strengthening the covenant was made from the hardest and most durable natural substance that is composed of element J. In other words, the substance is just another form of J. Lydia over asked Daniel about the substance but she received no clear response. Although Daniel only managed to tell her that the substance has a pyramid-like structure, she was not contented. To address the situation, Daniel has decided to contact you for enhanced information. (J has neutrons = protons = 6)

Task:

As a chemistry learner;

- Advice on the type of the ion of the substance.
- Clearly explain how four properties and uses of the substance relate to its structural features
- Assist on clarify on the harmful consequences of the substance to the environment.

### Item 4

Recently, there has been a rapid down pour of rain in Bombo and the areas around Bombo. This has made cooking very difficult to people who use fire wood and lack enough shelters for the fire wood. This has sometimes resulted into having late meals like breakfast tea at some schools like **BUJUUKO HIGH**. The school catering staff is suggesting to convert the firewood logs into alternative source of fuel like charcoal but they are worried of how the process will occur and the minimal environment

Task

Use the knowledge of chemistry to write a message you would present to the school catering staff. (18 scores)

## GEOGRAPHY

### Photograph Skills

Many countries in Africa have undergone rapid industrialization over the past two decades as seen in the photograph. This has led to significant economic growth and improved the living standards of the local communities. However, this rapid development has also brought about considerable environmental challenges like pollution, destruction of vegetation cover and many others.

This has raised concerns among the communities which has forced the local authorities from the different countries to organize a conference and address the effects of industrialization for a better environment. They have invited different stake holders including schools. You have been selected as one of the speakers representing your school.



- a) Draw a sketch of the photograph and on it mark and name the features shown on the photo.
- b) Write a document that you will use to address the members in the conference.

### **PHYSICAL EDUCATION**

1. The sports team of St. JOSEPH'S KAKINDU recently got involved in post primary soccer /net ball sports gala, but the results reaching the P.E desk show that performance was appallingly poor. Boys' team was walloped with several defeats. Students complained about the type of sports attire they used and this coupled with bad weather condition marred by rain led to their defeat.

#### **Task:**

As a student of P.E, design an advert for a new brand of sports attire shop. That will most likely turn events; incase our school participates in the next post primary soccer competitions

### **BIOLOGY**

#### **Item 1**

In Bukedea District, Mr. Waiswa decided to grow sugarcane on his land which had previously been used for mixed cropping. To increase yield, he applied chemical fertilizers and herbicides every season. He also destroyed termite mounds and uprooted all legumes, claiming they competed with his sugarcane.

After a few years, his yields began to decline, and the soil became dry and cracked even after rainfall.

#### **Task:**

Explain the challenges that developed on Mr. Waiswa's farm and how they relate to his farming practices.

(b) Describe how Mr. Waiswa can restore the fertility of his soil and improve sustainability on his farm.

### **Item 2**

In Kiryandongo District, a farmer named Mrs. Nakato planted flowers around her homestead to attract bees for honey production. However, she frequently sprayed pesticides to kill aphids that attacked her flowers. Later, she noticed that her flower yields reduced, and her beehives became empty. In addition, vegetables in her nearby garden started showing yellow leaves and poor growth.

#### **Task:**

Explain how Mrs. Nakato's activities affected the environment and living organisms around her home.

(b) Suggest environmentally friendly ways she can protect her plants from pests without losing her bees.

## **HISTORY**

### **Item 1**

In recent times, protests by native black South Africans against foreign nationals, including Ugandans, with some even losing their lives during these violent incidents. This has raised concern among East African politicians, who criticize South Africa's poor international relations.

Some argue the country has not recovered from white minority rule and is using similar strategies, to expel foreigners from its territory. While others believe that past rule caused today's problems but also contributed to development. This has attracted Historians in your Country to educate people about South African Colonial History.

A local radio station in your community has organized a political talk show to discuss these events, and you have been selected as one of the key discussants.

#### **Task:**

- a. Prepare a written presentation you hope to use to educate the people in your community about the strategies that were used by South Africans in the scenario.
- b. Explain how this rule in the scenario affected the people in South Africa.

## **ENTREPRENEURSHIP**

Orishaba has just got Ugx. 2,500,000 from PDM. He wants to start processing juice from fruits. He has been advised to look for alternatives for boosting his capital but has no idea about it. Orishaba also received proposals from two of his friends to join him in business but he is uncertain.

#### **Task**

As a student of Entrepreneurship;

- a. Guide him on the appropriate form of business ownership to undertake.
- b. Advise on alternatives for raising more funds
- c. Prepare for him a production plan

## PHYSICS

Madam Nandutu a shop attendant in Soroti city is faced with a challenge of drinks from the fridge getting stolen. Initially she could see the fridge directly but it was covered by a shelf. She told her boss Mr. Okello about installing cameras but he could not afford because of their cost.

She could see near objects clearly but whenever she looked at an object that was far it was unclear.

Also she faced a problem of music played from a nearby bar that was very loud. The sound was more disturbing at night than during day. The owners of the bar claimed that their speakers produced sound of wavelength 1 cm which they thought was not harmful to anyone's ears.

Hint: speed of sound in air =  $330\text{ms}^{-1}$

Use your knowledge of physics to;

- Identify which measures the boss of the shop could take to enable her be able to view the fridge.
- Explain why the madam Nandutu could not see far objects clearly and what he could do to improve her vision.
- Determine if the sound from the bar was harmful to the ears of those in the shop, and explain why the sound was louder at night than during the day.

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## CRE

There was a man named Elkanah, from the tribe of Ephraim, who lived in the town of Ramah in the hill country of Ephraim. Elkanah had two wives, Hannah and Peninnah. Peninnah had children, but Hannah had none. One day, after they had finished their meal in the house of the LORD at Shiloh, Hannah got up. She was deeply distressed, and she cried bitterly as she prayed to the LORD. Meanwhile, Eli the priest was sitting in his place by the door. Hannah made a solemn promise: "Almighty LORD, look at

me, your servant! See my trouble and remember me! Don't forget me! If you give me a son, I promise that I will dedicate him to you for his whole life. She became pregnant and gave birth to a son. She named him Samuel and explained, "I asked the LORD for him."

So Hannah took him to Shiloh, taking along a three-year-old bull, kilograms of flour, and a leather bag full of wine. She took Samuel, young as he was, to the house of the LORD at Shiloh. After they had killed the bull, they took the child to Eli. Hannah said to him, "I asked him for this child, and he gave me what I asked for. So I am dedicating him to the LORD. As long as he lives, he will belong to the LORD." 1  
Samuel 1:1-27 (GNB)

### **Task**

- a) Explain Rituals practiced by Christians in Uganda today to express their commitment to God related to those in the Bible text above.
- b) How are the Islamic worship practices similar to those in the Bible text above?

**ICT- do this work and send it to this email [dmbjowet4@gmail.com](mailto:dmbjowet4@gmail.com) before 15 Jan 2026, reflect your names in the message.**

Nice Tech is a fast-growing business company that deals in online business transactions in your district. It has employed your sister to handle a number of tasks, among which is to compile a report showing daily analysis of customers who have placed their orders and those who have picked up their orders from the different pick-up points. This report is to be sent to her overall supervisor's address at [nicetechsupervisor@gmail.com](mailto:nicetechsupervisor@gmail.com) before the closure of the day.

Unfortunately, she is stuck on how to send the report because of lack of skills and knowledge needed to achieve this and she has approached you for help.

### **Task:**

Provide a step-by-step guide that can enable your sister perform her duty as expected.

## **AGRICULTURE**

1. Maria is one of the known dealers in animal products including cheese. She buys already made cheese from different whole sellers and mixes with the old stock in one storage container. Her sales keep on decreasing on daily basis due to lack of awareness by customers. She lent part of her business capital to her friend without any recorded or written information. She joined a savings groups in the village but did not buy any share and had no time to attend group meetings. At the end of the financial year, the group members with shares shared profits/dividends. Due to high prices of already made cheese, she bought milk to prepare her own cheese but she made the one with unpleasant mouth feel and soft.

### **Task:**

- a) Design the steps Maria should follow when making quality cheese that meets her customers' demands.
- b) How best would you advise Maria about her business for profit maximization?



## **LUGANDA**

Omuwubuka Walukagga, bwe yatuula ebibuuzo bya siniya ey'okuna omwaaka oguwedde, Yasalawo agira anooya ky'akola nga bwabirinda okudda. Yagenda ku kirabo ky'emmere ekibaliraanye, n'assaba abafumbirenga emmere kuba yali amanyi okugoya akawunga. Abakulira ekirabo ky'emmere bamuwa ekigezo kya kubannyonnyola emitendera egigobererwa okuteekateeka emmere ey'amatooke okutuuka ku lujjuliro. Walukagga kyamulema okuddamu naye ne bamuwa omukisa okuddayo oluvannyuma lw'ennaku bbiri. Mu bigambo nga 150, wandiikira Walukagga ng'omunyonnyola emitendera egyo, lwanaddayo aleme okusubwa omulimu ogwo.

## **ART AND DESIGN**

### **Item 1.**

You and your friends have been tasked with creating an exhibition on ancient, Egyptian art for the school's gallery. The exhibition aims to display the different art forms of ancient Egypt, their purpose and how they contribute to the current art in Uganda.

### **Task:**

Make a presentation that includes the aims of the exhibition in the scenario.



## **THE END**

**ENCOURAGE YOUR FRIEND TO ENCOURAGE A FRIEND  
TO COME TO ST. JOSEPH'S SS KAKINDU**