

ST. JOSEPH'S SS KAKINDU
HOLIDAY PACKAGE-TAKE HOME WORK- TO BE SUBMITTED UPON REPORTING
BACK FOR TERM ONE 2025

HOLIDAY WORK FOR SENIOR ONE (2024)

CHEMISTRY

1. Air which is a mixture of different components contains 21% oxygen. Due to a wide spread of respiratory illnesses caused by COVID-19, there was an increased demand for oxygen by patients in hospitals. The government supply of oxygen is not enough and is planning to set up an oxygen production plant with minimal environmental impact. However, the science club members in your school would like to know how the process of production will be carried out.

TASK:

As chemistry student, make a write up you will use during the presentation.

2. "Residents of Kampala are facing severe health risks due to poor air quality," was a headline in one of the recent editions of the New Vision newspaper. With the city's reputation tarnished and residents' health hanging in the balance, urgent action to raise awareness and clean the natural resource is needed, the paper continued to state. As a student of Chemistry who has learned about air as a natural resource

Task

Write an article KCCA would use in response to the paper to sensitize the community of Kampala.

GEOGRAPHY

1. Following a realization that the environment is being degraded, your Local council Chairperson has called a village meeting to address the community of the causes and effects of environmental degradation.

TASK

As a learner knowledgeable in matters of natural resources and the environment, assist the chairperson by addressing the community and also identify the ways of overcoming the problems.

Item 2

You have come across your Old boys/Old girls having an argument about the structure of the earth, its rotation and revolution, the emergence of days and night as well as changes in temperature

TASK

As a learner of Geography, help your friends settle this argument once and for all.

BIOLOGY

Item 1

Last week, Louise went in the village with his aunt to spend a weekend. While there, in the early morning, the relatives could wake up in the garden and Louise and the aunt could remain at home with one of the young sister called Nakafeero to prepare breakfast. After finishing breakfast he decided to move around the area following where other members went for digging, on his way he came across

different soil types but he could not distinguish them properly. Near the swamp, there was sticky and grey soil with a lot of water in it, around the rubbish pit, there was reddish brown soil with some earthworms coming out of it, when he approached the valley, there was dry soil with large soil particles. He decided to collect all the soil samples and brought them in the garden where other members were digging from.

TASK.

Help Louise to distinguish the different soil samples and explain him learn more about the different components of soil and their properties according to his picked samples

PHYSICAL EDUCATION

1. List down the food available on your community which are essential for the;
 - (a) Provision of energy to the body.
 - (b) Growth of the body.
 - (c) Repair of the body cells.Why do athletes need special diets.

HISTORY

Item 1

In one Kyamagero village of Busujju county Mityana district, a cultural festival was organised. It was stabled on ground of revising the lost glory and strength of kingdoms. The participants in the festival were much eager to know the social, economic and political fuestratons that crippled the once organised and productive cultural institutions of Uganda. Their structure had been compromised, the economic systems crippled and the political King disabled.

Task

Mr. Ssendagire Christopher A resident of that locality has attended the festival but seems to be not competent enough

Item 2

Today almost every person belong to a particular religious denomination or Affiliation i.e. some are Muslims, Christians, traditionalists and others believe in different natural beings. However, several years back many people were very ignorant about the existence of God, they instead believed in Natural beings and the traditional and religious leaders.

Task

What were the impacts of foreign religions on the people of East Africa?

ENTPRENUERSHIP

Item 1

Peter needed some finance to start up his own business. He then heard an advert of an institution that provided financial assistance on radio. He decided to try his luck. When there, he was told to fill some forms, Peter completed the necessary paper work for getting money from the financial institution. He was told to pay back the money in installments.

However, he presented his house as security in case he failed to pay back the money. As soon as he got the money, he decided to put up rentals.

Task

- a) Describe the various sources of business finance in addition to the one above.
- b) Which of the above sources would you prefer to finance your business? Give two reasons to support your answer.
- c) As a student of entrepreneurship, advise Peter the factors he should consider to locate his business.

PHYSICS

Item 1

Your grandmother visited your family during the holidays. By the time she reached your home, your parents were not home. Your grandmother request for a cup of tea but was surprised to see that the colour of water gradually changed to the colour tea when you inserted a tea bag into a cup of hot water.

- a. As a student of S.1 explain to your grandmother what really happened to the water in the cup.
- b. State the factors that affected the rate at which the process in (a) above occur.
- c. Use your Knowledge of states of mater to explain to your grandmother, the significance of science in day today life.

Item2

A student was presented with learning material in figure a and b

- a) Use the illustrations in fig(a) and Fig (b) to;
 - i) Explain the meaning of force.
 - ii) State SI unit of force the S
 - iii) Outline any four effects of force.

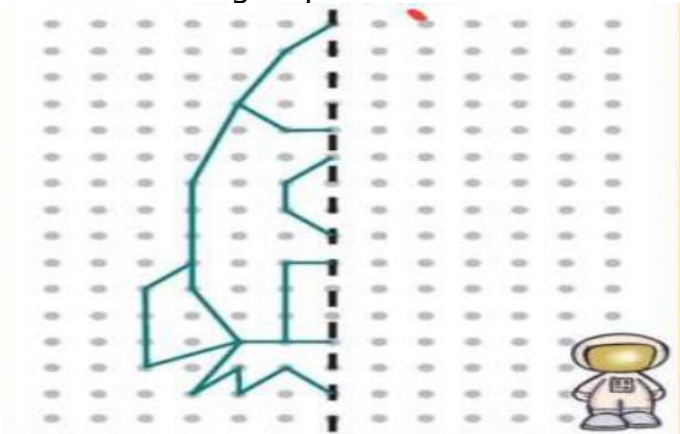
- b) Give two types of forces and state any 3 examples of each.

- c) Each of the boys in Fig (a) has a force of 100N and the vehicle required a minimum force of 900N to be pushed out of the muddy part of the road. Did they manage to push the car successfully?
- d) A body is acted upon by various forces as shown in the diagram. What is the resultant force on the body?



MTC

You were asked to draw a symmetrical picture in groups of two by your art teacher. Your group member finished her part as follows:



TASK:

- a) Complete the teacher's assignment.
- Children in a class were asked their favourite fruit. The results were put in a tally chart below.

Fruit	Number	Tally
Jack fruit	12	
Pineapples	18	
Mangoes	10	
Water melon	18	
Oranges	13	

- Copy and complete the table
- Represent the data on a bar graph
- Represent the data on a pie chart

(d) If you were to do business at the school, which fruit would you deal in? give a reason for your answer. (15 scores)

2. Oboth has been contracted to make a hexagonal table but does not have complete timber. He only has small pieces. He discovers he can mould them into equal triangles to come up with the table.

The maximum length of the triangle possible is 1 m.

TASK:

(a) Find the number of triangle pieces needed

(b) find the possible centre angle of the table. (10 scores)

ENGLISH

SCENARIO

Today, there is a high increase in the population in urban areas which has been caused by rural-urban migration. All along you have dreamt of settling in urban places because of your ambitious goals not considering the negative part in urban centres.

Task

Show why you would go and settle in urban areas.

CRE

On 22nd march 2021, all the Christians were engaged to conduct family prayers from their homes due to covid 19 pandemic that had affected the whole world. It was illustrated clearly by the Arch Bishop Grace Steven Kazimba on NTV

a) Why do you think worship took place at people's homes?

b) Identify the advantages of family prayers during the season.

c) What are the different forms of worship one can engage in while at home.

d) In your opinion, what do you think Christians missed by not going to church for congregational worship?

ICT

Your school has hired a secretary to help in typing exams and any other documents that may be required. She is also responsible for processing students' report cards, typing examinations, among others. In summary, the secretary is to deal so much with text-based documents using Microsoft Office Word.

- a) According to the topics you have studied in ICT as a subject, which general name is given to programs that work exactly like the one mentioned above?
- b) Define the following features as used in Microsoft Office word.
 - i. Editing word document
 - ii. Saving a document
 - iii. Checking spelling and grammar errors
- c) What are the four basic steps involved in the starting micro soft word 2016?
- d) Mention any other two programs that work as Microsoft Office Word

AGRICULTURE

Item 1

Ssekandi is a legume farmer. He has four acres of land on which he wants to grow beans. He is worried about the PH of his soil and its ability to support bean growth. He has therefore opted to carry out soil sampling before growing beans on that piece of land. Unfortunately, he is not well conversant on how to do it.

Task

- a) As an agriculture student, advise Ssekandi on how he can carry out soil sampling.
- b) How will he benefit from such an activity on his farm? Give four benefits.

Item 2

In agriculture, we have various tools and equipment used to perform different activities. To increase their life span they need care and maintenance. Some of these include panga, watering can, knapsack sprayer, wheelbarrow, soil auger, spade etc.

Task

Help local farmers to understand the use, care and maintenance of each tool given above.

KISWAHILI

1. Shuleni kwenu Kuna michezo mbalimbali . Kuna michezo ya nje uwanjani na michezo ya ndani majengoni. Ni umuhimu kwa Kila mwanafunzi kushiriki katika michezo.

Andika insha ukieleza michezo mbalimbali, umuhimu wa kushiriki katika michezo mbalimbali, vifaa vinavyotumika, na namna ya kuepukana na ajali katika michezo. (Kati ya manono 120_150) (Alama 15)

LUGANDA

Item 1

Ekitundu kyowangaaliramu mulina ekizibu kyokutindigga eggendo nga mugenda ku ssomero eriri ewala olwensonga nti obusomero obuli Ku kyalo tebutuukana namutindo.era tebusaana kusomesezaamu mwana.mu butuufu busaana kuggalwa.

a)Ggwe ng'omuyizi nnyonyola ebintu ebyenkizo ebitalina kubula Ku ssomero nemigaso gyabyo ebibaleetera okutindigga eggendo okugenda Ku ssomero eriri ebweya

b) Menya ebika bya Bantu kkumi abasangibwa ku ssomero nemirimu gyabwe mu liri eritwalibwa okuba Ku mutindo ogwawaggulu.

c) Nnyonyola ebintu ebitera okukolebwa mu ssomero lyammwe buli lunaku ebitakolebwa mu busomero obuli Ku kyalo kyammwe

ART AND DESIGN

1. At ST. JOSEPH'S SS, S.4 students have their leavers' party but they do not know how to convey that message to the entire school and outside the school campus. As a senior one student who studied graphic advise them on how and which graphic design they should use and the qualities of graphic design for effective communication.

THE END

MERRY X-MASS AND HAPPY NEW YEAR 2025

ENCOURAGE YOUR FRIEND TO ENCOURAGE A FRIEND

TO COME TO ST. JOSEPH'S SS KAKINDU