



ASK INTEGRATED TEACHERS' EXAMINATIONS BUREAU LIMITED

LOCATION: PRINTERS ARCADE 289, BRANCH OFFICE KAGOMA KAWEMPE
TELL: 0780298043 / 0740739087 / 0758489600 / 0789756728 / 0743546776

Uganda Certificate of Lower Secondary Education CHEMISTRY HOLIDAY WORK 2024 SENIOR ONE

Page |
1

INSTRUCTIONS: *Try out all items, Respond to this work during Holiday time, all answers should be written in a new holiday Black/champion book.*

ITEM 1

Patrick was sent to buy paraffin from a nearby petrol station. On reaching home a young sibling of Patrick thought it was water and poured it in the jerry can containing some water. He realized that he has to take the paraffin to the mother who wanted to use it for cooking in the stove. The mother realized that the paraffin had water.

Task:

As a chemistry student;

- Explain to Patrick how the paraffin can be recovered from the water.
- Show the difference between the paraffin Patrick got from the petrol station and the paraffin Patrick took to mother
- Give the impact of using the paraffin to the environment. And how you can solve it.

ITEM 2

Esau wants to collect rain water from his house roof so as to reduce on the increasing water bills whenever the home people use tap water. But he lacks knowledge on the appropriate material he can use as a water reservoir. He is seeking guidance from you on the suitable material he can use as a reservoir tank.

Task,

As a chemistry learner well equipped with the about materials,

- Identify the possible category of material that Esau can use.
- Explain how suitable/properties the material you have identified.
- State other purpose can the material be used for.
- Advise Esau on the side effect of the material to the environment and how to avoid it.

ITEM 3

Human beings use a number of resources in order to sustain life. Some resources are renewable while others are non-renewable. Air is one of the resources that we should not risk to stay without even for a second. And has very many components of which some have specific compositions and others have compositions that change depending on the climate.

Task

As chemistry learner, Point out the components of air with percentage compositions, and present draw a pie chart to represent the percentage composition of the components of air.

ITEM 4.

It is discovered that in your area, there is stone (rocks) quarrying and workers are entitled to arrange the stones (rocks) according to their categories basing on different features.



Task:

As a chemistry student, help the workers on;

- (a) The category of the resource as renewable or nonrenewable with a reason, the minerals found in the rocks, example of rocks found in the area.
- (b) Side effect of the quarrying activity in the area and how to solve it.
- (c) Other benefits of the rocks in the society.

ITEM 5

SCENARIO 1

Kabibu after failing to pass his primary leaving examinations, he wanted to join a technical institution so that he could pursue vocational studies. His mother told him that she never had money for him to join a technical institution. Kabibu was advised to start up a small business that does not require much capital and he has got an idea of making **ropes** but he is wondering the proper type of material to use. Kabibu has been told that you may be of help and he has decided to contact you.

Task:

Use your chemistry knowledge to;

- (a) Explain;
 - (i) The category of the material to be used.
 - (ii) The suitability of the material to be used.
- (b) Advice Kabibu on the challenges of the material.

SCENARIO 2

A business lady owns a flower farm in **ADUK** village in Uganda. She is in the process of searching for quality plastic boots that are environmentally friendly.

There are various boots of different quality and composition in the nearby shops. However, she does not know then quality of the boots to purchase.



However, the business lady knows that quality boots depend on the nature material and here she comes for some advice from you.

Task;

- a) As a chemistry student, Explain
 - (i) Category of the product.
 - (ii) The suitability of the product.
- b) Advise her on the choice of the product she should go for.

ITEM 6

Air is a mixture of different components. It 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 production process will be carried out.

Task;

As a chemistry learner, prepare a write up you will use during the presentation.

ITEM 7

Due to increased industrialization and settlement in towns, there has been an increased destruction of natural resources and this has attracted attention from National Environment and Management Authority (NEMA). There is a plan to make a sensitization countrywide.

Task

As a chemistry student, make a write up to sensitize your community about the matter

ITEM 8

Air is the most available resource every living things benefits from however its greatly affected by some activities of man and this makes it less suitable for use . Especially in the current generation where industrialization and automobiles have become key for life. This is why we experience extreme hot days and sometimes extreme cold days.

An inter school debate competition has been organized with the theme “**AIR PRESERVATION IS EVERYONE’S RESPONSIBILITY**” and you are to represent your school.

Task

Prepare a write-up that will help you support the motion.

ITEM 9

Some people living in rocky area are poor because crops cannot grow well. They have decided to relocate to another area but the area Member of Parliament (MP) has organized a sensitization workshop on the ways they could make use of rocks.

Task

As a learner of chemistry, you have been selected to advise the people of the area. Make a write - up you would present to the people.



ASK INTEGRATED TEACHERS' EXAMINATIONS BUREAU LIMITED

LOCATION: PRINTERS ARCADE 289, BRANCH OFFICE KAGOMA KAWEMPE
TELL: 0780298043 / 0740739087 / 0758489600 / 0789756728 / 0743546776

Uganda Certificate of Lower Secondary Education BIOLOGY HOLIDAY WORK 2024 SENIOR ONE

Page |
5

INSTRUCTIONS: Try out all items, Respond to this work during Holiday time, all answers should be written in a new holiday book.

ITEM 1

A group of S1 students visited the biology laboratory on day 4 of their orientation week at **Phresh SS**; they were overwhelmed with excitements for the many new experiences encountered at that school, however as they were being guided by the lab attendant, they saw a wall chart which displayed many diagrams of parts of living things but didn't have any key or suitable title for each diagram; these made them argue vehemently among themselves on which diagram is found in plants and those that are found in animals; moreover, identifying the levels of organization in organism under which the diagrams belonged, was a formidable obstacle.

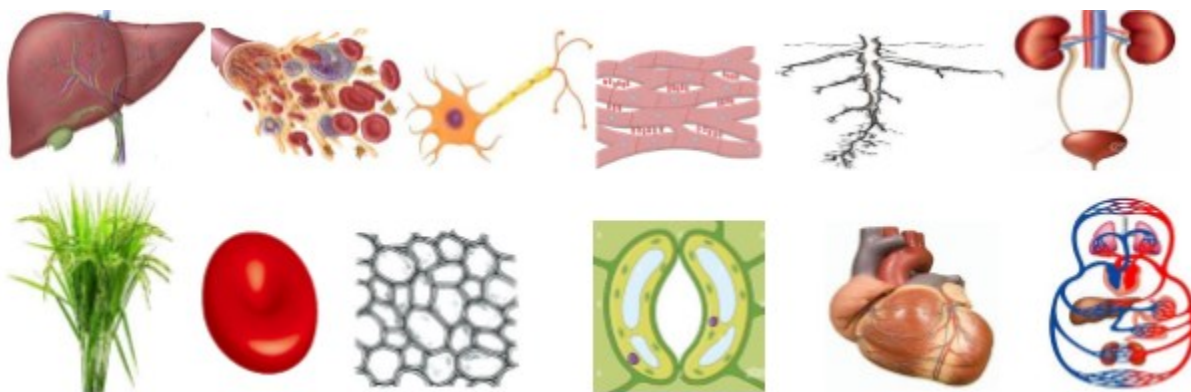


Figure 1: Shows the chart on the lab wall that brought the controversy.

Task

- Identify the concepts in biology that the S1 students lack.
- Use the space below to end the argument by sorting/writing names of diagrams in ways that can end all the arguments among the students in the laboratory. Put your responses in a table where necessary.
- Suggest what should be done to avoid such challenges?

ITEM 2

Naptali is a maize farmer in Lagwer dollar village. The village is experiencing an outbreak of a new pest which has a stage in its lifecycle that feeds on leaves and stems of maize plants. Analysis done on a sample of leaves and stems affected by the pest shows that, organelles made of cellulose and those that are responsible for making food for the plant, were destroyed completely. Naptali is worried that the feeding mode for the pest may cause reduction in both yield and grain quality.

Task:

- Identify the cell structures affected basing on the results of the analysis.
- How do the actions observed in analysis impact the normal functioning of the cells leading to reduced yield and grain quality?
- Name the harmful stage of the insect. Advice Naptali on how he can control the harmful stage of the pest.

ITEM 3

Herbalists in Buikwe District use Mabira forest as a source of their herbal medicines. They debark trees, harvest leaves and dig out tree roots in order to extract various herbal medicines for several ailments. Consequently, the medicinal plant species in the forest are decreasing greatly.

Task

- Name the plant structures affected by the activities of the Herbalists
- In relation to the plant structures mentioned above. Identify the processes or functions that are affected
- Explain how the medicinal plant trees are able to survive despite the actions of the herbalists.

ITEM 4

Mr. Ojwang is a great cassava farmer in Omoro district. His cassava plants developed twisted/ curled leaves with mosaic patterns full of yellow, green and white patches. The leaves and the tubers are deformed. He is worried that he may get very low yields at the end of the season, but he is not certain of the cause



Figure 2: shows cassava plant parts from Mr. Ojwang's garden

Task

- Name plant structures that is affected basing on the signs and symptoms.
- State the processes that is being affected for each of the plant structures mentioned.
- Identify ways through which the infection is spread and transmitted among the plants?
- Suggest an advice you would give Mr. Ojwang on how he can overcome the challenges in his garden.

ITEM 5

At Jena laboratory; Germany; 1886. Sir Carl Zeiss discovered free-living organisms in a mud extracted from the bottom of a pond: detailed studies show that these organisms have same cell organization with bacteria; its organelles are enclosed in a membrane. A year after that, the International Center of Insect physiology and Ecology (ICIPE) announced the discovery of an organism with same characteristics as that discovered by Sir Carl, from salivary gland extract of insects which had a stage of its lifecycle on the surface of pond waters. These discoveries were credited to a French physician and parasitologist Sir Charles Louis Alphonse Laveran. Recent Clinicians reports affirms that the adult insect's bites, cause fever, headache fatigue, and chills. The organism that lives in the salivary glands of the insects was held accountable for the signs and symptoms in patients.

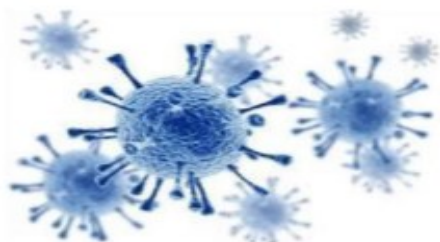
Task;

- Identify the characteristics of the organisms whose discovery was announced by the International Center of Insect physiology and Ecology. Include its mode of feeding.
- Explain if the organism/insects being reported by clinicians and or ICIPE is entirely harmful or not.

- (c) Suggest methods of controlling the harmful stages of the insects affirmed by Clinicians.

ITEM 6

AIDS is a viral disease that has claimed many lives of people worldwide. It is carried by a retrovirus, that is small, very infectious and possess features for both living and nonliving things.



Task

- (a) State reasons why viruses are considered to be;
- (i) Living things
 - (ii) Nonliving things
 - (iii) How can Senior 1 students prevent themselves from being infected with AIDS?
- (b) As a s.1 student, how can you use the knowledge of biology to fight against viral diseases in your community.

ITEM 7

During a biology lesson, Mr. Yeeko ordered students to collect some specimens from their environment, Hoozambe managed to trap some specimens. Due to the limited time in the field, he didn't manage to identify the specimens but he label them Q, R, S, and T. As Hoozambe was observing the specimens, his classmate Jayden approached him, looking puzzled. "Hey, Hoozambe, I'm confused about specimen S. How does it survive in the environment?" Jayden asked. "And what's with specimen R? I can't figure out what part of it enables it to fly!", Hoozambe has contacted you to help classify the specimens using biological principles and also prepare a report for him to present in the next biology class as required by the teacher. The teacher requires them to classify the specimens in their kingdom, phylum, and class. He also wanted them to include the reasons for putting the specimens in each taxon. The teacher also demands that they note some characteristics on the specimens and prepare an identification key for easy identification of the specimens during the lesson.



- a) Prepare a report that Hoozambe will present in the next biology lesson.
- b) Also help Jayden with the adaptations of specimen S that enables it to survive in its environment.

ITEM 8

- (a) Atieng and Deng, senior two students were touring their school garden. They came across the maize plantations intercropped with soya beans. Each of them uprooted a soya bean and a maize plant and were arguing as to whether the plants are either monocots or dicots

Task

As a biology student, how would you help them settle their argument with clear reasons?

- (b) During one of the biology lessons, the teacher discussed with learners about modifications of leaves of flowering plants. However, Moses did not attend that lesson due to sickness and would like to seek your help.

Task

With examples, help Moses describe the different modifications of leaves of flowering plants.



ASK INTEGRATED TEACHERS' EXAMINATIONS BUREAU LIMITED

LOCATION: PRINTERS ARCADE 289, BRANCH OFFICE KAGOMA KAWEMPE
TELL: 0780298043 / 0740739087 / 0758489600 / 0789756728 / 0743546776

Uganda Certificate of Lower Secondary Education HISTORY AND POLITICAL EDUCATION HOLIDAY WORK 2024 SENIOR ONE

Page |
8

INSTRUCTIONS: *Try out all items, Respond to this work during Holiday time, all answers should be written in a new holiday book.*

ITEM 1

One of the leading government policies today is to promote the study of science subjects in order to realise vision 2040. Because of the above policy and campaign, learners have been discouraged and lost interest in history and political education as one of the arts. They don't want to attend lessons, revise and discuss history and political education because they see no future in it. The school administration is concerned about this new trend. If not checked, learners may end up failing the subject at both school and national level. It has requested you to convince your colleagues to take history and political education seriously.

Task:

Write an essay you are going to use while advising your classmates

ITEM 2

During the bush war that brought the NRM government to power in 1986, some Ugandans fled to neighboring countries for refuge. Some of these people died in exile without showing the children their relatives. These children have grown and feel too isolated and lonely without their close relatives. As a result, these people have returned to their mother country to look for their relatives. Unfortunately, they don't know where to start from and have come to you for advice

Task:

Advise on the steps these people on the steps they can take to achieve their goal

ITEM 3

A group of cultural tourists came to Uganda to study about its people, their cultures and ways of life. However, they felt confused when their tour guide told them that E. Africa of long ago had many groups of people of which some were centralized whereas others were non-centralized. The tourists feel there's something they didn't understand especially on how these same Africans in the same region differed. They have sent you an air ticket to go and help them understand the differences

Task:

Write an essay you will use to help them understand better.

ITEM 4

Between 1945-1962, Ugandans rose up and demanded their independence in various ways. Some used the sit down strikes, boycotts, formation of political parties whereas others used demonstrations such as refusal to cut off beards by Baganda between 1953-1955 among others. Due to this pressure, the British decided to give back Ugandans their independence on 9th October 1962. Many foreigners who served as colonial officials went back to their mother countries and Ugandans took charge of their leadership. Today however, many of these foreigners have come back in big numbers and can be found in various parts of the country. The local people are wondering why such people are still coming which has forced the local authorities to organize a meeting to educate the masses about the issue. You have been selected to work with the local authorities.

Support material



One of the whites in Lugazi in may 2017

Task

Write an essay you will use to educate the above local people about the situation in the scenario.

ITEM 5

The Uganda museum is located in the northern part of Kampala, Kitante Hill Plot 5 Kira Road. It contains a lot of attractions like game reserves, conducive environments for hangouts and many more others. You are employed as one of the curators of the museum and you have been invited for a talk show in the radio to pass out an advertisement about the museum.

Task

- Briefly define the term museum and note down what the tourists would expect to see in this museum in case they make a visit of the museum.
- As curator, you can also go ahead and inform the tourist by listing the other tourist attractions that they can visit in Uganda besides the Uganda Museum in Kampala.

ITEM 6

The partition of East Africa took place in Europe following the Berlin Conference of 1884-1885. The partition of East Africa was legalized by the Berlin Act of 1885 which clearly legalized Britain and Germany to extend the sphere of influence to East Africa.

Task

Write an essay to show why the Berlin Conference of 1885 was called and its outcomes on the side of the people of East Africa.

ITEM 7

Two families in your community have been fighting for two years. Every day they argue, fight and abuse one another. They are not greeting each other anymore. Their fights will never be resolved and there is something which needs to be done.

Task

How best can you help the local leaders on the steps they can follow to address the above issue.

ITEM 8

Currently, we see many Christian groups such as Catholics, Anglicans and Protestants in East Africa but originally these groups were not in East Africa. They come from England, France among others but as they come, they performed certain activities that created an impact on East Africa which we still see even today.

Task:

Our past has it that these groups on their coming made a lot of activities which impact Ugandans. Do you think our past is right? Support your response?



ASK INTEGRATED TEACHERS' EXAMINATIONS BUREAU LIMITED

LOCATION: PRINTERS ARCADE 289, BRANCH OFFICE KAGOMA KAWEMPE
TELL: 0780298043 / 0740739087 / 0758489600 / 0789756728 / 0743546776

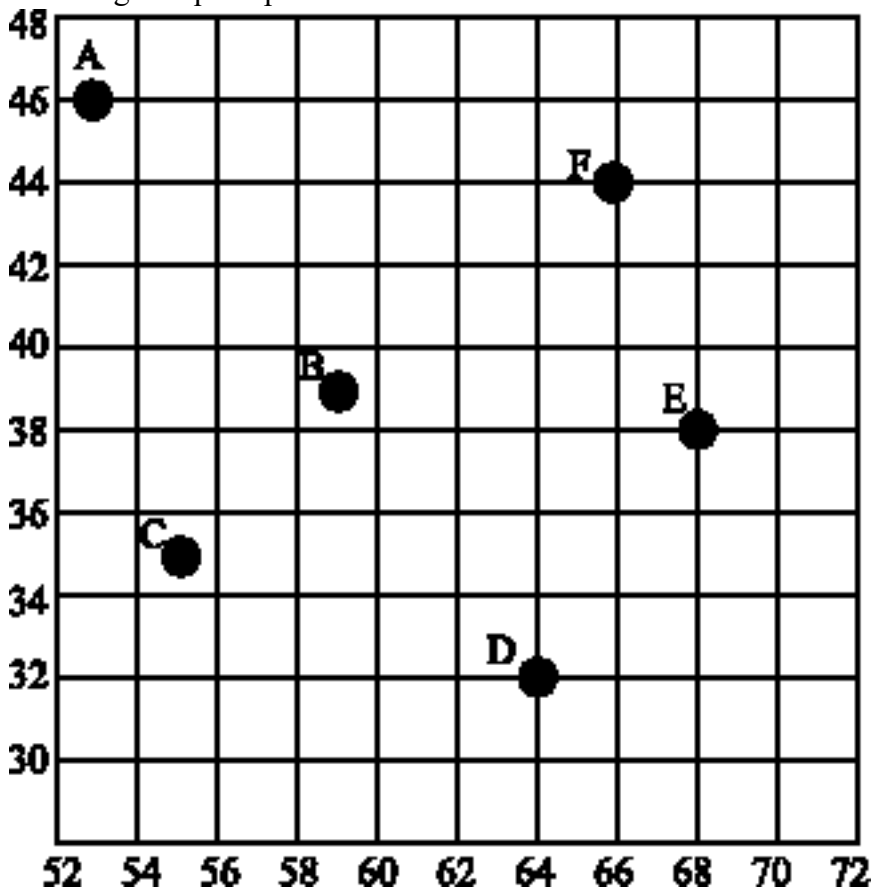
Uganda Certificate of Lower Secondary Education GEOGRAPHY HOLIDAY WORK 2024 SENIOR ONE

Page |
10

INSTRUCTIONS: Try out all items, Respond to this work during Holiday time, all answers should be written in a new holiday book.

ITEM 1

Use the grid square provided.



- a) State a four grid reference of point A up to F.
- b) Explain the advantages of using a four grid reference.
- c) What geographical name is given to the lines marked with B and A and why?

ITEM 2

Study Fig. 1, a photograph taken from one of the places in Western Uganda, and the text provided below it.



You are working with Sunset Tours and Travel Company Limited as a tour guide. A group of American tourists are planning to visit your country during their summer holiday. They have visited your company website and have booked your company to help them tour certain areas of interest. The company manager is of the view that the tourists should visit the area shown in the photograph.

As their guide-to-be, the company manager has instructed you to prepare a written descriptive account informing the visitors of the attractions they will see and activities they will engage in when they come to visit the area identified and the likely challenges they may face.

Task:

- Draw a landscape sketch of the photograph and on it mark and name the features found in the area shown in the photo.
- Describe for the visitors the attractions they will see and the activities they will engage in when they visit the area. Give evidence from the photograph.
- What recommendations would you make to the local community to improve the area for tourism?

ITEM 3

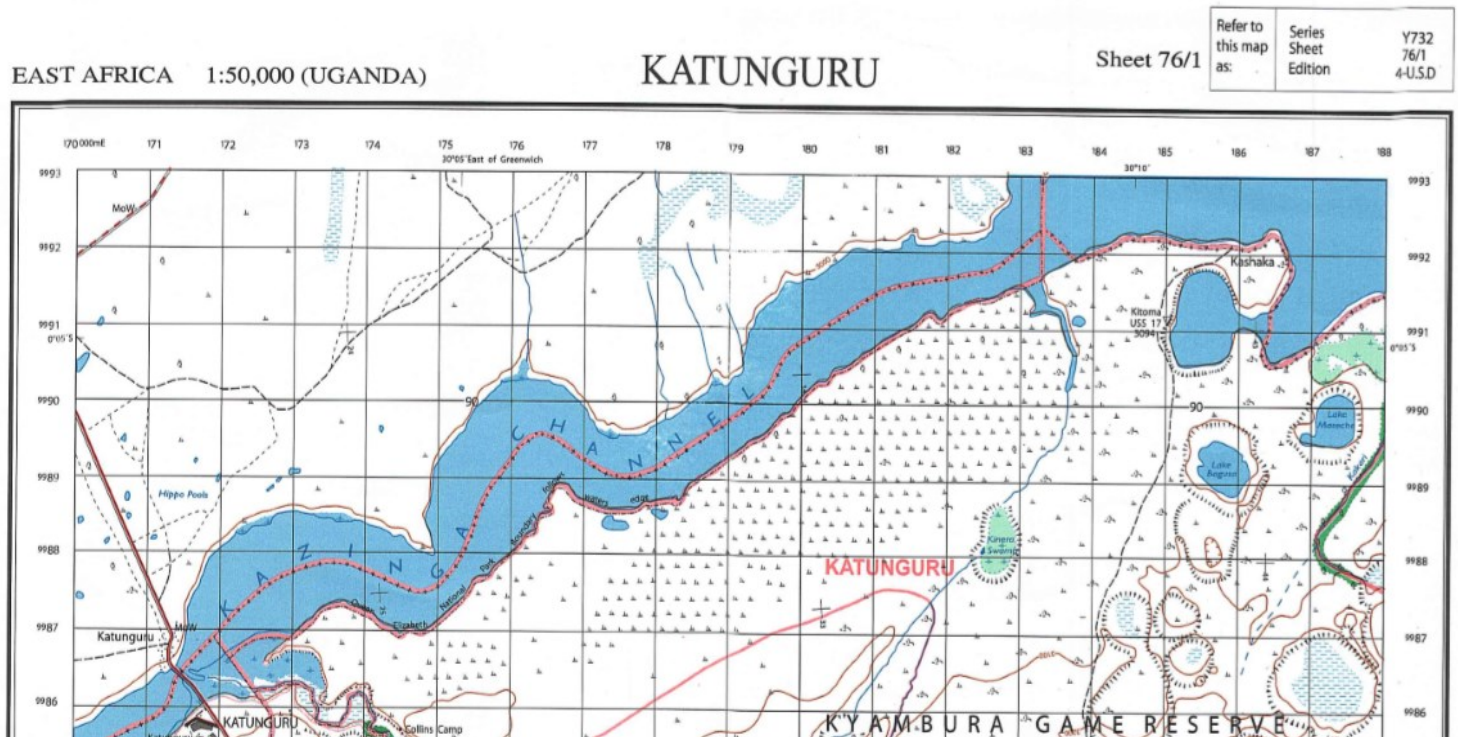
Study the photographs below and answer the questions that follow.



- Define the term Fieldwork?
- Besides breaking classroom monotony, what is the importance of field work?
- Describe four methods of data collection during fieldwork study
- Choose one method and give its advantages and disadvantages.

ITEM 4

John wants to establish his home in the area shown on the map extract below.



- Help John where to establish his settlement and why?
- Identify the economic activities John can engage in while in the area shown on the map extract.
- Explain to him the problems he is likely to face while staying in the area shown on the map extract.
- Help the determine the area covered by Kazinga channel.

ITEM 5

Lake Bunyonyi is found in Kabale, a district in southwestern Uganda. It is surrounded by a hilly terraced landscape, which provided a scenic beauty to the sub region that has attracted many tourists to the area.

Support material



- (a) Draw a landscape sketch of the area shown in the support material and on it mark and name;
- The lake, bays and headlands
 - The hilly landscape
 - The forest and settlement
- (b) (i) Explain four reasons why you would recommend a tourist coming to east Africa to visit the area shown in the photograph.
- (ii) Diphya a S.2 student of Phresh High School told classmates that his parents are planning to migrate from this area in the photograph (Kabale) very soon.
- Support the decision made by Diphya's parents.
- (i) State any other **two** lakes in southwestern Uganda formed in a similar way like Lake Bunyonyi.

ITEM 6

Photographic Interpretation.

Study the photograph provided and answer the questions that follow.



- (a) i) Based on the knowledge obtained from studying photographs, identify the type of the photograph above.
- ii) Give reason to support your answer.
- (b) i) With valid reason, state the position where the camera man who took the photograph was standing.
- ii) At what time was the photograph taken?
- (c) Describe the following concepts as used in photographic interpretation.
- Horizon
 - Dead ground
 - Vantage point
 - Perspective
 - Foreground
- (d) Outline the characteristics of the photograph identified in (a) (i) above.

ITEM 7

Study the table below showing data derived from one of the weather stations on the shores of Lake Victoria and answer the questions that follow.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temp (°C)	20	21	22	22	21	20	20	21	22	22	21	20
Rainfall (mm)	30	40	128	195	190	40	54	98	130	218	145	37

- (a) From the above table, determine the following;

- (i) Annual Range of Temperature.
- (ii) Mean Annual Rainfall.
- (iii) Mean Annual Temperature.
- (iv) The hottest month.
- (v) Wettest month.

(b) Advice your friend who is planning to stay in that area the economic activities he is likely to engage in.

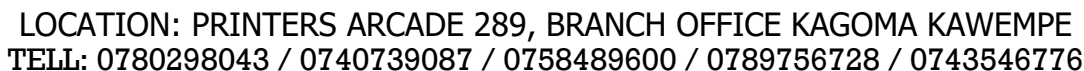
(c) Explain how the above information was obtained.

ITEM 8

Senior class carried out a field work study on a landing site. The field work report included the types (species) and number of fish caught as shown in the table.

Types of fish caught.	Number of fish caught.
Nile perch	20
Tilapia	35
Silver fish	10
Others	150

- a) Present a statistical diagram for the information gathered during a field work study.
- b) Discuss the methods used in the data collection during the field work.
- c) Explain to your friend the problems you encountered during the field work study.

Page |
15

1. Identify the abstract noun in the sentence: "The beauty of the sunset was breathtaking."
a) Beauty
b) Sunset
c) Breathtaking
d) The
2. Which of the following is an abstract noun?
a) Happiness
b) Chair
c) Love
d) Book
3. Use an abstract noun in a sentence: "The _____ of the music was soothing."
a) Melody
b) Harmony
c) Rhythm
d) Silence
4. Identify the abstract noun in the sentence: "Freedom is a fundamental human right."
a) Freedom
b) Fundamental
c) Human
d) Right

5. Which of the following is not an abstract noun?

- a) Joy
- b) Sorrow
- c) Fear
- d) Chair

Purpose Clauses

1. Identify the purpose clause in the sentence: "I went to the store so that I could buy some milk."

- a) I went to the store
- b) so that I could buy some milk
- c) I could buy some milk
- d) buy some milk

2. Which of the following is a purpose clause?

- a) I went to the beach because I wanted to relax.
- b) I went to the beach so that I could relax.
- c) I went to the beach although I didn't want to relax.
- d) I went to the beach unless I wanted to relax.

3. Use a purpose clause in a sentence: "I studied hard _____ I could pass the exam."

- a) So that
- b) Because
- c) Although
- d) Unless

4. Identify the purpose clause in the sentence: "She worked hard so that she could support her family."

- a) She worked hard
- b) so that she could support her family
- c) She could support her family
- d) Support her family

5. Which of the following is not a purpose clause?

- a) I went to the doctor because I was feeling sick.
- b) I went to the doctor so that I could get some medicine.
- c) I went to the doctor although I was feeling fine.
- d) I went to the doctor unless I was feeling sick.

Words of Preference

1. Which word of preference is used in the sentence: "I prefer coffee to tea."

- a) Prefer
- b) Like
- c) Love
- d) Enjoy

2. Use a word of preference in this sentence: I _____ reading books to watching movies.

- a) Prefer
- b) Like
- c) Love
- d) Enjoy

3. Identify the word of preference in the sentence: She likes chocolate ice cream better than vanilla.

- a) Likes
- b) Better
- c) Than
- d) Chocolate

4. Which of the following is a word of preference?

- a) Big
- b) Happy
- c) Prefer
- d) Run

5. Use a word of preference in a sentence: "He _____ playing soccer to playing basketball."

- a) prefers
- b) likes
- c) loves
- d) enjoys

6. Read the sentences below and fill in the blank spaces with the correct punctuation mark.

- I) That market is next to our house.....
- II)How much money do you need for shopping.....
- III)Beans.....fish and onions are bought highly at the market.
- IV) What a crowdly supermarket.....
- V)The following are some of the items on the list.....carrots..... tomatoes and oatmeal.

CHILDREN AT WORK

Using comparing and contrasting words point out the differences and similarities in the work done in the different workplaces.

Construct **ten** sentences.

PART II. COMPREHENSION

READ THE PASSAGE CAREFULLY AND ANSWER QUESTIONS THAT FOLLOW UNDER IT

I went to the market on Sunday morning. I wanted to buy some food for the week.

When I got there, I saw many people buying and selling things. The market was very busy! "As I walked through the bustling market, I was greeted by the vibrant colors and enticing aromas of fresh **produce**. I had been looking forward to this visit all week, and I was determined to find the perfect **ingredients** for tonight's dinner. I weaved past stalls overflowing with crisp vegetables, plump fruits, and fragrant herbs. I sampled juicy grapes and sweet strawberries. At a nearby **stall**, I watched in awe as a skilled vendor expertly arranged a pyramid of oranges, their peels glistening in the sunlight. After filling my basket with a number of goodies, I stopped to admire the beautiful bouquets of flowers on display. I also saw some vegetables like cabbage, carrots, and spinach. The **vendors** were arranging their products in attractive ways.

I walked around the market and saw many things. I saw a man selling fish. He had many types of fish like tilapia, mackerel, and sardines. The fish looked very fresh, and I thought about buying some. But I decided to buy some fruits and vegetables instead.

I saw a woman selling clothes. She had many types of clothes like dresses, shirts, and trousers. The clothes looked very nice! I continued walking and saw some stalls selling household items. I saw some beautiful kitchen utensils and plates. After walking around for a while, I started buying some things. I bought some tomatoes, onions, and potatoes. I also bought some apples and bananas.

After buying, I went home and kept the food in the fridge and others in the store. I was happy because I had bought fresh food for the week. I couldn't wait to cook and eat the food I had bought!

QUESTIONS

- 1) Suggest a suitable title for the passage.
- 2) Explain what the story is all about?
- 3) What are some of the items that the speaker bought from the market?
- 4) According to the passage describe what a market is ?
- 5) Develop a list of items that you can buy from the market?
- 6) Make a simple budget that will help you avoid over spending.
- 7) Give the meaning of the following words as used in the passage.
 - (i) Stall
 - (ii) Vendor
 - (iii)Ingredients
 - (iv)Produce

CREATIVE AND FUNCTIONAL WRITING ASPECTS

ITEM 1. Most people in Uganda have lost interest in National day's celebration. Your school intends to help the students respect and remember these days by organizing an inter class competition to be held on the national independence day.

Task

A poem is about expressing our emotions and reactions to the subject matter use any proverbs about work and compose a poem on it. Construct a three-stanza poem having a theme of peace and freedom.

Page |
18

ITEM 2.

Your grandmother is critically ill and you are the eldest at home. You have been left with your younger sister to take care of grandmother and the house. Grandmother is craving for goat's meat.

Task

Direct your younger sister to cook grandmother's best source.

ITEM 3

You are a student at a university, and you have recently moved into a new apartment off-campus. However, upon moving in, you discovered that the apartment has several issues, including a leaky faucet, broken light fixtures, and a malfunctioning heating system. You have tried to contact the landlord, but they have not responded to your calls or messages.

Task:

Write an email to the landlord, [landlord's email address], describing the issues with the apartment and requesting that they be fixed as soon as possible. Be sure to include the following details:

- ✓ A clear description of each issue
- ✓ A request for a specific timeline for when the issues will be addressed
- ✓ A polite but firm tone

ITEM 4.

You are going on a summer vacation to visit your grandparents in another city. You are excited to see them and spend some quality time together. You want to write a letter to your best friend, telling them about your plans and what you're looking forward to.

Task:

Write an informal letter to your best friend, [friend's name], telling them about your summer vacation plans. Be sure to include the following details:

- Where you're going and who you're visiting
- What you're looking forward to doing and seeing
- How long you'll be away
- A friendly closing and signature

ITEM 5.

You are the guest speaker at your school's annual Food Festival, and you want to give a speech about the importance of healthy eating. You want to persuade your fellow students to make informed choices about the food they eat and to develop healthy eating habits.

Task:

Write a persuasive speech about the importance of healthy eating. Be sure to include the following points:

- The benefits of healthy eating (e.g. energy, focus, well-being)
- The risks of unhealthy eating (e.g. obesity, diseases, low energy)
- Tips for making healthy food choices (e.g. reading labels, avoiding processed foods)
- Encouragement to try new healthy foods and drinks

ITEM 6.

You are the president of the school's student council, and you want to gather feedback from students about the school's cafeteria food. You want to know what they like and dislike about the food, and what changes they would like to see. You decide to create a questionnaire to collect this information.

Task:

Write a questionnaire to gather feedback from students about the school's cafeteria food. Be sure to include the following types of questions:

- Multiple-choice questions
- Open-ended questions
- Rating scale questions



ASK INTEGRATED TEACHERS' EXAMINATIONS BUREAU LIMITED

LOCATION: PRINTERS ARCADE 289, BRANCH OFFICE KAGOMA KAWEMPE
TELL: 0780298043 / 0740739087 / 0758489600 / 0789756728 / 0743546776

Uganda Certificate of Lower Secondary Education MATHEMATICS HOLIDAY WORK 2024 SENIOR ONE

Page |
20

INSTRUCTIONS: Try out all items, Respond to this work during Holiday time, all answers should be written in a new holiday Black/champion book.

ITEM 1

Baguma went to the gym on 1st February 2024 with Shs.100, 000 with hope to come back with some balance of not below UGX.50, 000 to cater for home expenses. Reaching there, he met a new friend. She tells him that she comes every 4 days and Baguma comes every 6 days. Baguma asks her how much she pays so that he compares with his and she says "I paid a membership fee and now I only pay UGX. 30,000 a month which caters for all days I choose to come". However, when it comes to Baguma, he pays UGX.10, 000 each day he visits the gym. And he visits the gym 5 days a month.

After the gym he decides to hang out with his friend for a cup of coffee and a PIZZA which came in where each of them had to pay forty-five thousand five hundred. Later his friend got an emergency call and left before they exchanged contacts.

Task:

- (a)
 - (i) Help Baguma know the fewest number of days he will have to wait for, to meet his friend again such that they at least exchange contacts?
 - (ii) Using the number of days, mark the exact date on the calendar.
- (b)
 - (i) how much does Baguma spend on the gym a month?
 - (ii) Comparing with how much a friend pays, what can Baguma do and why?
- (c)
 - (i) how much did he spend that day?
 - (ii) On the money he came with, how much balance did he take back home?
 - (iii) Will he be able to cater for all home expenses? Explain why you say so.

ITEM 2

You decided to have a joint birthday party with your 2 siblings which will cost a total of UGX.4, 000,000. You are nearing the B-day and want to find out whether you have the amount required or not. And below are the contributions:

Your parents promised to contribute 12.5% of the money. Your sibling contributed 12.5% more than your parents of the money and since you were the eldest, you contributed $\frac{2}{3}$ of the amount your sibling contributed.

You plan to buy a cake which is to be shared equally with siblings and 4 of your parents.

Task:

- (a) Do you have the required amount?
- (b) What any equivalent fraction can you represent the fraction of a cake got by each?

ITEM 3

Jerome is a village farmer in Iganga district. He has rectangular farm land whose corners are at points A (2, 3), B (2, 7), C (8, 7), and (8,3). He bought the farm land from his neighbor 2 years ago at a total cost of UGX8400000. Jerome plans to sell the farm land to his friend Destiny. He wants to sell each square meter of the farm land at UGX 120000 and save the profits obtained in a fixed deposit account that offers a 2% simple interest rate per month for 2 years. Each unit of the length or width of the farm land represents 5 metres of the actual size.

Task

- Using a suitable graph, present the design of the farm land
- How much money will Jerome withdraw from the bank after 2 years?

ITEM 4

You work in an art and design shop. You print different objects on clothes as requested by your customers. A customer comes and requests you to print triangles, circles and squares on his cloth following a particular pattern that will make the cloth beautiful. However, he first gives you a piece of paper that is 12cm in length and 8cm in width to illustrate how you plan to arrange the shapes on the cloth. As you are still talking to the customer, someone calls you requesting you to compute something, so you request the customer to assist you with his phone calculator and on opening it you find a figure 455.

TASK:

- Show how your illustration will look like?
- Which input and operation do you think the customer would have put in the calculator to get the figure you found on the screen?

ITEM 5

Your facilitator gathered information on the ages of some few learners in the school from different classes. Below are his records:

14	15	16	17	18	21	18	17	15	16	21
21	17	14	18	15	17	17	15	16	21	18
18	21	17	15	14	21	16	17	16	21	16
15	16	21	17	18	16	17	21	18	15	17

TASK:

- In which other way can the facilitator record the information above such that even another person looking at it can easily tell the number of learners in each age group?
- Illustrate your suggestion in (a) above.
- State which age are the majority of the learners in the school.
- Your facilitator wants to sell either cartoon stickers or stickers for different singers in the school. According to the above records, which stickers do you think will be suitable?

ITEM 6

At school you are requested to use a piece of wood to create a rectangular photo frame with a circular space in it where the photo will be put. Your parents have no money to buy you a new piece of wood but you have a piece of wood that is in shape of a parallelogram. Two of its angles are made up of an obtuse angle and two of them are made up of an acute angle. One of the sides is 6cm and the other 4cm.

TASK:

Illustrate accurately how you will cut the piece of wood you have to create what the teacher assigned you to do clearly showing and labelling the;

- Obtuse and acute angles of the piece of wood you have.
- The length and width of the rectangular piece of wood you will be able to cut out of the wood.
- The circular space.

ITEM 7

The caterer of a school located in Kira Municipality is required to buy food stuffs for a school party. The foodstuffs to be bought include: 100 kg of rice, 150kg of meat and 200kg of Irish potatoes. The cost is UGX 4000, UGX18,000, and UGX1500 per kg of rice, meat and Irish potatoes respectively in the market.

TASK;

Using the information provided above, how would the caterer decide on where to do the shopping from? Justify your answer.

ITEM 8

Five girls whose homes when marked on a grid make a trapezium, wanted to buy clothes. They realized that if they buy them in a bunch, it will be cheaper. So they mobilized themselves and each person contributed as follows:

Girl 1: Contributed one hundred thirty-three thousand two hundred fifty shillings.

Girl 2: Contributed 20% more than that of girl 1

Girl 3: Contributed $1\frac{1}{2}$ of the amount girl 1 contributed.

Girl 4: Contributed a fraction that is $\frac{1}{5}$ less than the fraction of girl 3 of the amount of girl 1

Girl 5: She contributed the balance required to make the Shs. 800,000 required.

TASK:

- Locate the homes of the girls on a grid while labeling their coordinates.
- What amount did each girl contribute?
- In which other way could they contribute the amount required fairly and according to that way, how much would each contribute?



ASK INTEGRATED TEACHERS' EXAMINATIONS BUREAU LIMITED

LOCATION: PRINTERS ARCADE 289, BRANCH OFFICE KAGOMA KAWEMPE
TELL: 0780298043 / 0740739087 / 0758489600 / 0789756728 / 0743546776

Uganda Certificate of Lower Secondary Education PHYSICS HOLIDAY WORK 2024 SENIOR ONE

Page |
23

INSTRUCTIONS: *Try out all items, Respond to this work during Holiday time, all answers should be written in a new holiday Black/champion book.*

ITEM 1

In the upcoming city of Nakasongola, a group of ambitious youths has embarked on a journey to establish a modern unisex salon, thanks to a grant from the Parish Development Model. With a vision to provide exceptional service to their community, they have equipped their salon with essentials such as three big mirrors, two chairs, a bulb, shelves, and a counter. However, the challenge arises in obtaining a layout to allow customers to see multiple images of themselves simultaneously.

Task

- Advice this youth group on how best they can arrange their mirrors in order to get multiple images of customers.
- Determine the angle they have to incline any of the two mirrors in order for the customer to see 3 images
- Suppose a customer is 2cm from one of the mirrors, what is the distance between him and his image? Give a reason for your answer

ITEMS 2

In one of the clinics in the remote area lacked a thermometer for measuring patient's temperatures. They organized a fundraising to solicit funds to purchase thermometers and they managed to raise 250000 shillings. So entrusted the chairperson of the village and sent him to the nearest municipality to buy thermometers, on reaching the medical supplies shop he found there two same thermometers but one needs alcohol to work and another requires mercury to work. The mercury thermometer costs 12500 each and alcohol thermometer cost 8500. The chairperson was puzzled but decided to buy mercury thermometers however they were expensive. When the thermometers were handed to nurse, she found out that the thermometer had no values on it as she was puzzled one of community members found her in dilemma and promised her that he can mark the thermometers and she handed them to him. The man brought back thermometers with 0 mark at 4cm from bulb and 100 mark at 24cm from bulb, when he was asked to explain he couldn't. The nurse decided to insert it in the armpit of the patient and mercury rose to 14cm from bulb.

In addition the care taker of the patient could only understand temperature in kelvin and the father of patient only understands temperature in Fahrenheit.

Task

- Help the nurse to understand how the thermometer was demarcated
- Help the nurse to know the temperature of patient in order to guide the care taker and father
- Explain why the chairperson chose the thermometer with that liquid

ITEM 3

The school director wants to pave a volley ball pitch measuring 500cm by 100cm. To achieve this, he intends to use pavers sized at 5cm by 4cm. However, he is puzzled because he doesn't know how many pavers he would need to cover the entire pitch.

Task

- a) Help the school director to know the number of pavers he will need for the entire volley ball pitch
b) If each paver costs shs 200, how much will he spend on buying the pavers for the entire volley ball pitch?

ITEM 4

A certain family stays near the marram road and a school. Every day, the family receives dust raised by moving vehicles from the road and the bad smell from the school pit latrines. In the morning hours, the dust is not so much and the smell from the pit latrine is not so much either. These conditions worsen around midday on hot sunny days. The family is disgusted by these conditions. They do not know the cause of these conditions. As a Physics student, write a message to this family explaining what **causes** the above conditions and **possible ways** of solving the above problem.

ITEM 5

Muggaga a cattle keeper was rearing his cows in Nagadyonga forest and he come across a piece of a glittering solid. He tried to analyze the shape of the solid and he failed to come up with a clear shape. He picked it and took it home. On reaching there he placed it at the dining table but her wife was not home. His wife was so happy on her return seeing a glittering material and she called her friends to come and see the material. One of the friends said that it is pure gold and told them that they can earn 7 million from their piece of gold. Muggaga and her wife are very happy.

Material	Density ($g\ cm^{-3}$)	Density ($kg\ m^{-3}$)
Glass	2.5	2500
Copper	8.9	8900
Gold	19.3	19300

Task:

Help Muggaga's family to prove whether the material they have is pure by writing a set of procedures they can follow on their own to test its purity.

ITEM 6

As a resident of Luwero, Bowe Kibira, you notice that your village is covered with clay which is not good for farming. As a science student (physics), you are called upon by the cabinet minister of science and technology to go with him to state house and meet the president to provide ideas that may help overcome poverty in your villages.

Prepare a document of your proposed plan to president of what the government could adopt to fight poverty in your area.

ITEM 7

You have been living in the city Centre with your father. He recently bought a plot of land in your ancestral village to construct a residential house.

TASK

- a). Design a good plan to help in construction.
b). what do you think are the benefits of a good plan in your society?

ITEM 8

In Ndese village, a certain old man known as Mzee Kaggwa has been living in darkness in his hut. You felt pity for him. One evening you decided visit him and found that all he had in his hut were an empty tin, paraffin, a cotton cloth and a razor blade for cutting the cloth and a box of matches.

TASK

As a physics student develop guidelines the old man should follow to use the available materials at his home to solve the problem of darkness in his hut.

Uganda Certificate of Lower Secondary Education
ENTREPRENEURSHIP EDUCATION
HOLIDAY WORK 2024
SENIOR ONE

Item 1

Kazibwe is a trader at Lwamata trading center in Kiboga district. He employs a p.7 drop out whose financial management skills are lacking. In addition the business has poor customer care, business products expire in shelves, the worker ever complains about little and delayed salaries and community people say that he is unfriendly, barks at customers and opens late, he's dirty and the shop is disorganized. He does not pay government taxes and his business is not well known by people in the nearing community as well as the local authorities.

Task

As an entrepreneurship student, guide Mr Kazibwe;

- a) How to solve the challenges in the scenario.
- b) The possible ways to improve his business performance.
- (a) i) The benefits of forming his business
- ii) The procedures of making a business enterprise

Item 2

Mukodo inherited a large piece of land approximately three acres. On this land there is no productive activity taking place. The biggest part of this land is swampy. Mr mukodo out of his monthly salary as a teacher at Bright future primary school has mobilized savings of shs 2000000 but he is not sure of the suitable into which to invest his money.

Task

As a student of entrepreneurship, come to his rescue and guide him about;

- a) How to select a variable business type?
- b) The sources of business ideas.
- c) i) The various risks he might face in the business operation.
- ii) Ways of managing business risks.

Item 3

Afande Kasingye is a retired police officer who lives in Ntungamo District, Western Uganda. Before his retirement, he established Namara farm on his 20 acres of land he inherited from his late father. On this farm he grew mangoes on a large scale hoping that one day it will cater for his retirement. Recently it was a harvest season and all the mangoes were ready for consumption. However, he is still confused on what to do because the mangoes are very many and he feels he needs to do more than just selling the mangoes. Afande Kasingye has always dreamt of establishing a juice processing factory named “Kasingye Juice” in his home town and he feels this is the right time to do so. He also saved Shs 50,000,000 and would wish to seek for more funds in order to raise startup capital.

Support material:



Task:

- a) Advise Afande Kasingye on the other sources of Business startup finance that he can explore except his personal savings.
- b) Draft an Analysis of the projected needs for producing mango juice as proposed by Afande Kasingye.
- c) Advise Afande on how best the people of Ntungamo and other parts of the country can get to know about juice.

Uganda Certificate of Lower Secondary Education
LUGANDA HOLIDAY WORK 2024
SENIOR ONE

1. Olunaku omusomesa lweyasomesa ku mpisa zokulujjuliro banno bonna tebaaliwo kubanga baali bagenze kukima bisale bya ssomero. Tebalina kyebamanyi kubanga baasanga eryo essomo liwedde.

Ekyokukola:

Bayambe obasomese ku mutwe ogwo nabo bategeere bulungi empisa z'okulujjuliro ngoyita mu kwogera mu bigambo nga 150-200.

2. Waliwo mukwanogwo yakulira Bungereza era yasazeewo ajje aliire sekukkulu e Buganda kubanga yewali ekika kye era yeddira ngabi. Eyo e Bungereza abaana tebakola mirimu n'olwekyo tamanyi yadde n'ogumu wabula okwenaaza.

Ekyokukola:

Muyambe omuwandiikire ngomutegeeza ku mirimu gyomwana omulungi gyalina okukola nga ali waka. Wandika mu bigambo nga 150-200.

3. Mukwano gwo tamanyi luzungu olwensonga nti ye teyasoma era abeera eyo e kyannamukaaka. Tasobola yadde okusoma m ne a. kyokka waliwo ebigambo byomuzungu obwedda byayogera mu luzungu nga abimugamba. Muyambe obimukyusize obizze mu luganda lwa kuba obudinda.

- i) The human body is prone to a number of diseases.
- ii) Health is important to every human being.
- iii) If you want good health preventing diseases is the key.
- iv) Maintaining good hygiene and proper sanitation helps us to keep healthy.
- v) Some diseases can be treated using modern methods of treatment and others can only be treated through traditional ones.

BIKOMYE WANO

Kyosiga- kyokangula

Uganda Certificate of Lower Secondary Education
LUGANDA HOLIDAY WORK 2024
SENIOR ONE

ITEM 1

Madam Edger went to an art exhibition and she saw many art pieces but she got interested in the following art works like pots, painting, sculpture etc. but she wanted to buy the art in FIG A below



FIG. A

Unfortunately, she did not know how to make the article for her self

TASK

- a) As an art student describe the procedure of preparing clay to madam Edger
- b) Explain any technique of making the above art work

ITEM 2

As an art student, you were introduced to the fundamentals that are used in the production of art and design. Mr. Paite found this art piece which was drawn but he never knew how it was made.



FIG B

TASK

- a) You are required to define the term elements of art and design to Mr Paite
- b) Explain five elements of art that were used to do the art work in FIG B

ITEM 3

Art has not started now in most of our African homes, some facts cannot miss to be there eg baskets, pots, mats etc. because of their uniqueness with nice patterns, a tourist got attracted but never knew how to make them.



TASK

Explain in writing to the tourist what one of the above means, raw materials used, purpose and how that art work is produced.

ITEM 4

Madam Maria was moving around the art room, she found out that art work made out of color , looks more interesting and attractive but she knows less about color

TASK

- a) AS AN ART STUDENT DEFINE COLOR
- b) Outline the three primary colors
- c) What color do you mix to get
 - i. Orange
 - ii. Green
 - iii. Purple

Uganda Certificate of Lower Secondary Education
PHYSICAL EDUCATION
HOLIDAY WORK 2024
SENIOR ONE

Page |
29

Item 1

The Bagalana family is concerned about their weight. Nairah a 12 year old daughter, weighs 80kg and struggles with simple exercises due to her weight. Her brother, Bagalana Neymar who is 20 years, weighs 100kg and finds some activities challenging despite regularly exercising with friends. Their doctor attributes their weight issues to genetics, leaving the family unsure of how to address the problem.

As a knowledgeable neighbor, offer guidance:

- a) Using skill development and diet knowledge, explain why some activities may be hard for Bagalana-Neymar.
- b) Design a personal leisure activity plan and feeding habit this family can follow to help manage their weight.

Item 2

One Friday, a group of friends gathers at the local park for a fun game of netball. They arrive prepared, bringing along all the necessary equipment to set up the field. As they play, they showcase their skills, organize friendly competitions, and enjoy each other's company.



Task:

- a) List three essential equipment that this group of friends remembered to bring for the game.
- b) What netball skills do these friends demonstrate during their friendly game?
- c) Explain the importance of such social gatherings for the friends and the community.

Item 3

An International Sports Academy is conducting a week-long talent identification Camp in your district, offering a unique opportunity for young athletes to showcase their skills and potentially secure scholarships or professional contracts. However, concerns and misconceptions among parents have led to a withdrawal of their children's participation. Fears about academic neglect and safety risks while competing abroad have fueled this decision. As a sports enthusiast and advocate for youth development, you've decided to write an essay to address these concerns and persuade parents to reconsider allowing their children to participate in the camp.

Task:

Prepare a persuasive essay to reassure parents of the benefits and opportunities that this sports camp presents, addressing their concerns and highlighting the potential positive impact on their children's lives.

Uganda Certificate of Lower Secondary Education
PHYSICAL EDUCATION
HOLIDAY WORK 2024
SENIOR ONE

ITEM 1.

Imagine you are a religious leader and a newly wedded couple has been brought to you for serious guidance and counselling due to the marital problems they might be facing. How best can you guide basing on scripture sayings in the Bible? Give ten ways.

ITEM 2

Your elder sister is planning to get married. You are required to make for her a wedding budget and supply it to different people in the community. Write that budget and after write ten reasons prompting people from getting married in the community today.

ITEM 3

Study the picture carefully and answer the questions below



Task

- a) In different ways, show what is happening in the picture.
- b) How do you think the old man is feeling?
- c) As Christians, what lessons do you learn from this incident?

ITEM 4

Read the passage below and answer the following questions:

Ziporah is a retired civil servant who went back to her ancestral home in kayunga where she enjoys relative peace and quiet. She has been a member of church of Uganda since she was baptized in 1958. The mode of worship was basically praying and singing the hymns accompanied by a powerful musical organ. In her youthful days she was a member of the choir. Currently in Kayunga, the nearest church to her is a Pentecostal church; the mode of worship is different. The old hymns are not sung in that church; instead the worshippers sing loudly, dance and clap which Ziporah finds strange and disturbing. The leader is a pastor and not a reverend.

Task

- a) Using your knowledge of worship, explain the ways in which Ziporah can remain a faithful and church going Christian.
- b) As a Christian, how can you support Ziporah in order to remain faithful to God?
- c) Write a prayer of worship that Ziporah can use in such circumstances
- d) Write the role Milkah can play to help Ziporah