

HOLIDAY WORK

S.3 PRINCIPLES AND PRACTICES OF AGRICULTURE

P515/1 (Theory paper)

2hours 30minutes

INSTRUCTION

This paper consists of **four** examination items in both section **A** and **B**

Section **A** has a compulsory item

Section **B** has **two** parts **I and II**. Answer one item from each part

Attempt **three** items in total

Any additional **item(s)** answered will not be marked

SECTION A (compulsory)

(SOIL SCIENCE AND VALUE ADDITION)

Item 1

KK cultivates crops on five small, scattered plots of land located within the same area. He reports that in one of the plots, his maize was slashed down by a neighbor who claims ownership of the land.

He has noticed that some of his plots have compacted soils, while others are overly plastic when moist. The maize plants in his plots are excessively vegetative, producing poorly filled grains. To control erosion on one of his steeper plots, KK used freshly cuts as mulches. Soil tests revealed that the soil temperature in his plot is 33degrees Celsius, with poor aeration. Most crops, including maize, thrive at soil temperatures between 22-27degrees Celsius. John further complains that he has not benefited from his farming efforts over the last six years.

Task:

Write detailed recommendations to help KK maximize profits from his farming activities.

SECTION B

This section has **two** parts (part **I** and part **II**)

PART 1- ANIMAL PRODUCTION

Attempt only **one item** from this subsection

Item 2:

KK picked interest in goat rearing project of recent. He bought Kigezi breed of goats that mature slowly. He roofed the goats' pen 1m high from the ground. He usually sees water droplets on the surface; he constructed a barbed wire fence on his farm to restrict the goats from unnecessary movement. These goats have long horns that injure one another. Sometimes his goats are with droppings stuck on the hair around the tail. His goats have difficulty in movement due to long hooves. He used a knife for identification of his goats. He slaughtered one for meat on the ground with grass and skinned (flayed) it immediately.

Task:

Help KK with the basic principles of goat rearing for high productivity

Item 3

After receiving money from the Parish Development Model Programme of the government of Uganda, a farmer in Akollo village bought two zebu cows for milk production. He keeps the cows on the piece of land he owns near a wetland that borders a game park. He feeds them mostly on hay and grazes them in the wetland. Cows from a nearby farm also graze in the same wetland. The animals drink water from a pond surrounded by bushes.

She milks the cows and collects the milk in a plastic bucket. Customers usually complain about his milk going bad shortly after buying it.

Task:

Advise the farmer on how to improve milk production on his piece of land and to satisfy his customer

PART II: CROP PRODUCTION

Attempt only **one item** from this subsection

Item 4

Manda grows tomatoes in Aqua village. He grows his tomatoes in the nursery bed before transplanting them to the main seedbed that has tree stumps and dead roots. In the nursery bed, he waters his seedlings every two hours during the day. He leaves his seedlings to bring the flowers and transplants them to the main garden at midday. In the garden, he waters the seedlings once a day; some have dried up leaving large spaces between plants. His garden has other many unclear plants growing at a faster rate immediately after raining. He harvests his tomatoes when their outer layers are very soft on touching.

Task:

Advise Mr. Manda on how he can produce his tomatoes profitably

Item 5

Ms. Abacus cleared her land to grow groundnuts. She slashed the bushes and burnt plant residues; she rested the land for two months and ploughed the land at the start of rainy season. Planting holes were dug at a depth of 2cm, at a spacing of 60cm X 20cm. She planted bunch-type variety of groundnuts; seed rate was 20kgs per acre. She

noticed that black jack plants had covered the plantation a month after planting groundnuts. She also identified small insects on the leaves on groundnuts, she poured wood ash on the leaves and a week later, the population of the insect had increased. Some ground plants had yellow leaves, curled leaves and stunted growth. The rainfall was scarce throughout growing period. The plants were harvested when they were three months and a half during dry season. She uprooted the plants and got few pods from the ground. According to NAADS, bunch type variety of groundnuts require spacing of 45cm between rows and 10cm between plants within a row, 5cm planting depth, the seed rate is 30kg per acre and its gestation period is 120 days

Task:

Advise Ms. Abacus on the practices she would carry out to improve the performance of groundnuts garden.

END

Students name..... Stream.....

553/2

BIOLOGY

Paper 2 (practical)

August

2¹/₂ hours

HOLIDAY WORK

Uganda Certificate of Education.

Paper 2.

(Practical)

2 hours 30 minutes.

INSTRUCTIONS TO SEMI CANDIDATES.

- *This paper consists of two examination items. Answer **all** examination items in the spaces provided.*
- *Drawings should be made in the spaces provided. Use **sharp pencils** for your drawings. Coloured pencils or crayons should **not** be used.*
- *No additional sheets of writings paper are to be inserted in the booklet*
- *Work on additional sheets of paper will **not** be scored.*

Item 1.

Rice grows well in swampy areas. A farmer bought two different plots of land in the same area to grow rice on large scale. **Plot A** is on a slightly raised area while **plot B** is located at the valley. He planted the same quantity of rice seedlings on both areas **A** and **B**. the farmer observed that the roots of many rice plants from plot A had short roots and a few had long roots while those of plot B all had many short roots. At harvest time the yield from plot B was more than from plot A. the farmer was told that the difference in yield was due to the difference in the soil's ability to retain water. The farmer wants to know why the two plots have different yields.

Task;

You are provided with soil samples **A** and **B** obtained from the two plots. Design and carryout a scientific investigation on soil samples A and B to determine which plot of land would give the farmer better yields. Use your results to explain the difference in yields of the farmer.

(Your investigation should include Aim, Hypothesis, Variables, Materials, and Results of experiment, analysis and Recommendation)

a) Aim, Hypothesis, Variables.

Aim.

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Hypothesis.

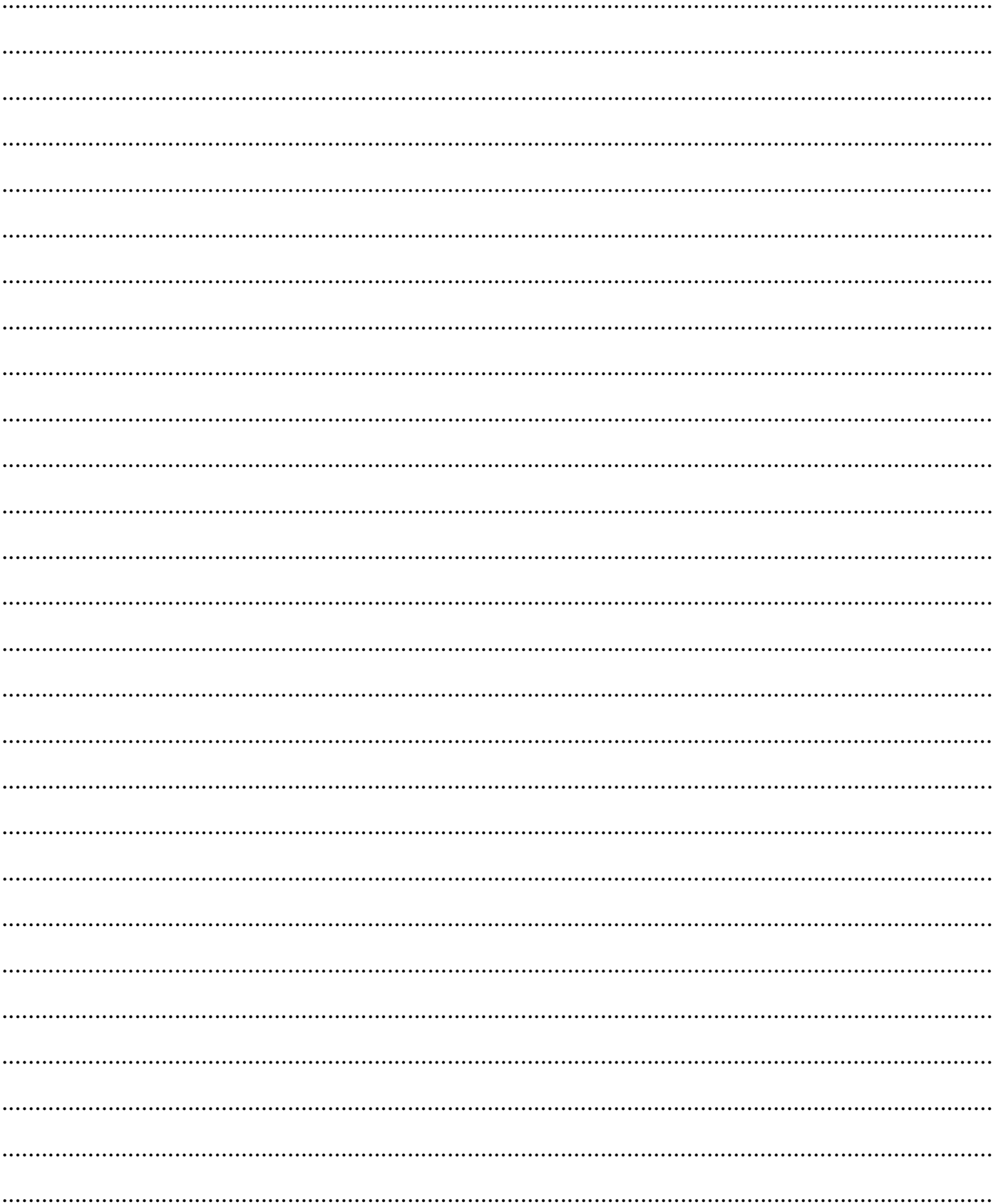
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Variables.

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b) Procedure and results / Observation.

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c) Using your results explain the difference in yields of the farmer.

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Item 2.

A senior three student involved in an accident and during her recovery she experienced difficulty with feeding. Whenever she tried to eat solid food, she suffered from toothache and was unable to chew it properly. After visiting the dentist, she was advised to have the affected tooth removed. Specimen **C** and **D** were collected from the same mammal and both serve a similar function in the digestive process that could help the student.

Task

- a) Identify the specimen that was to be removed with observable features.
- i) Identity of the specimen.

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ii) Reason.

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b) How is the specimen adapted to perform the function mentioned in the scenario?

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c) Draw and label the specimen identified in a(i) above.

END

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

COMPETENCE BASED ASSESSMENT

HOLIDAY WORK

S.3 BIOLOGY PAPER 1

TIME: 2 ½ HOURS

INSTRUCTIONS TO CANDIDATES

- This paper consists of two sections **A** and **B**
- Attempt **all** items in both sections
- Responses to section A **must** be written in the spaces provided.
- Responses to section B **must** be written on the answer sheets provided.

SECTION A

Item 1

MR. Okello is a renowned farmer in Pallisa district and carries out subsistence farming. He recently acquired a piece of land on a hilly place near a dusty murram road. He prepared his garden well, applied farmyard manure and later planted beans and maize. Two days after germination, it rained heavily for three consecutive days. However, the plants were not uprooted and were not affected by the heavy rain. At the time of flowering, the rains disappeared and Mr. Okello observed that the upper surfaces of all the leaves and flower petals were covered by dust. No rains were received until the time of harvesting. Mr. Okello generally received poor yields from his garden except at the base of the hill where he received some reasonable yields.

Task

(a) State the processes in plants that were affected by the conditions experienced.

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b) Basing on the signs and symptoms mentioned, suggest the possible respiratory disease Sarah is suffering from, and advise her on how she can cope up with life while managing her health condition.

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Item 3

Kingdom Plantae is a diverse group of multicellular eukaryotic organisms that include mosses, ferns, gymnosperms and angiosperms (flowering plants). Plants are characterized by their ability to photosynthesize, using sunlight, water and carbon dioxide to produce organic molecules and oxygen. Mineral nutrients in the soil like magnesium also have a big contribution in enhancing the process of photosynthesis in green plants.

Task:

a) What are the key characteristics of Kingdom Plantae, including their mode of nutrition, cell structure and reproduction?

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b) Explain the role of magnesium, sunlight, water and carbon dioxide during manufacture of organic molecules in plants.

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c) Plant communities support *ecosystem* processes such as nutrient recycling, water cycle, food chains, and the balance of atmospheric gases. With relevant examples, explain this statement.

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Task

- a) Explain how the meal Chemutai ate ended up giving her the energy to win the competition.
- b) Explain how the Challenges Chemutai faced towards the end of the marathon came about.
- c) How did Chemutai manage to overcome the challenges in (b) immediately after the marathon?

Item 5

In Uganda, the wetlands of Lake Victoria are crucial ecological resources that support diverse plant and animal species, regulate local water systems, and serve as important habitats for migratory birds and other aquatic organisms. These wetlands also play a significant role in supporting local livelihoods. Over the past few decades, the wetlands of Lake Victoria in Uganda have been facing severe degradation and misuse due to activities such as industrialisation, pollution from agricultural run-off, overfishing and clearing of some parts of the wetland for settlement.

Task;

- a) Explain how the mentioned human activities degrade and affect the wetlands leading to decline in their ecological importance.
- b) What are the benefits of conserving and sustainably managing the wetlands, to both the environment and local communities in Uganda.

END

Students Name:

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Signature:Stream:

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545/1

CHEMISTRY

Paper 1

2 Hours

HOLIDAY WORK

Uganda Certificate of Education

SENIOR THREE

CHEMISTRY

Paper 1

2 hours

Instructions to Students:

*This paper consists of **two** sections; **A** and **B**.*

*Section **A** has 2 items and section **B** has **two** items.*

Write the answers in the spaces provided

For Examiner's Use Only

ITEM	SCORES
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1	
2	
3	

TURN OVER

SECTION A

Attempt **all** items in this section

Item 1

After eating a spicy meal, Peter begun to feel a burning sensation in his stomach due to too much acid. His older brother gives him a tablet, telling him it will neutralize the excess acid. After a short while, Peter feels relief. Later in class, their science teacher explains that some of these substances can cause side effects when overused.

Tasks:

- a) Identify the category of substance in the antacid tablet.

- b) Explain how this substance works in Peter's body to relieve the discomfort.

- c) Mention the dangers of the substance to the environment.

Item 2

An industry wanted to produce lime for treatment of acidic soils the production of lime involved heating lime stone strongly which results into its decomposition according to the equation



The industry is also interested to know how much gas is involved during the process since the gas is useful. Before the production, an experiment was performed where 25g of limestone were heated until there was no further change.

SECTION B

Part I

*Attempt **one** item from this part*

Item 3

A new factory intends to make biofuel from ethanol to be used in energy saving stoves, since it emits toxic free gases. The government of Uganda allows an investor to set up a production plant for ethanol around the Kinyara sugar limited factory in Kaliro District Eastern Region of Uganda. However, the people in the area and the surrounding neighborhoods, would like to know whether the aim of the plant would directly be environmentally friendly besides providing job opportunity to the community.

Task:

As a chemistry student. Make a write up guiding message sensitizing the community on how the whole production process will be conducted.

Item 4

The government of Uganda through the ministry of mineral and energy discovered oil deposits in Lake Albert basin in Western Uganda. The Uganda National Oil Company through her Agency, the Petroleum Authority of Uganda intends to collaborate with the China National Offshore Oil Company in order to achieve their targets and expectations by setting up a production plant to extract and purify the different fractions of crude oil. However, the national and international communities raised their concerns about the potential harms the plant could cause to the environment and how the whole production process will be conducted besides providing job opportunity to a few Ugandans. You have been tasked to give guidance.

Task:

As a chemistry student. Make a write up message sensitizing the community on the environmental management programs and how the whole production process will be conducted.

Item 5

P
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t II

*Attempt **one** item from this part*

Following the oil discovery of petroleum in L. Kyoga, the government plans to build a new oil refinery to exploit the natural resource in the Kyoga region, vegetation has been cleared and dip pits have been dug to assemble tools. However, there is need to educate the local residents about the natural resources, its environmental impacts and importance first. Your teacher has chosen you write a sensitization message to the people.



Task

Write a sensitization message to the people.

Item 6

Due to high growing population, in the Hoima city has resulted into rampant swamp reclamations, and increased rock quarry and the grinding factory in the rock areas. However, the locals have raised concerns that there is too much dust in the air causing so many respiratory issues besides water contamination. The district officials through **NEMA** are trying to raise awareness among the locals and factory operators with a theme “**my free pollutant environment, extract responsibly**” you have been invited to be part of the meeting.

Task

Make a write up message containing information you would to use on that day’s meeting.

END

Student's Name: Stream:

Signature:

HOLIDAY WORK

ENGLISH PAPER 1

SENIOR THREE

Time: 2 Hours

INSTRUCTIONS TO CANDIDATES:

- *This paper consists of two sections; A and B. It has four items in all. Section A is compulsory.*
- *Answer one item from section B.*
- *Answer three items in all.*
- *Answers to section A **must** be written in the spaces provided.*
- *Answers to section B **must** be written in the answer booklets provided. Any additional item(s) answered will not be scored*

Item 1

Read the text below;

Poverty is the state of or fact of being in dire need. People are poor if they lack enough income and resources to live adequately by the accepted living standards of their community. Definitions of poverty vary from country to country, just as living standards do, and it is difficult to give precise figures. Standards may vary greatly according to time and place. Many people who live in Western industrialized societies, for example, believe that they must have a car to live well.

They would consider themselves poor if they could not afford to buy one. Yet many people who live in other countries regard a car as a luxury. They would not consider the lack of a car as a sign of poverty. People who lived in industrialized nations when the motor car was first introduced, did not at that time consider cars necessary for a decent standard of living.

At least over a billion people, or a fifth of the world's population, were so poor in the late 1980's that their health and lives were in danger. What is certain is that the most widespread and severe poverty occurs in nations with a few or underdeveloped resources. These nations are usually called the developing nations or the Third World. More than 100 countries come into the category of developing nations. They are former colonies of industrial nations, and one of the causes of their present poverty is their colonial past. The powers that colonized them, deprived them of much of their wealth.

Currently, debt is a major cause of individual poverty, often made worse by the loss of a job or means of livelihood. In a country like India, debt bondage keeps very many families in poverty. The debt can often never

be repaid. The debtor must work for the creditor and almost becomes the creditor's slave. The debt bondage may continue in a family for generations, with sons inheriting the debt from their fathers.

When a community suffers economic reverses, war, crop failure, or disease epidemic, poverty can affect whole classes and communities. Any minority or group singled out for discrimination, is usually unable to take advantage of educational or employment opportunities open to others because of prejudice.

Natural disasters cause widespread poverty. Ireland's potato famine in the mid-1840's led to the death of hundreds of thousands. Many left the country to escape starvation. During the 1980's, drought and war killed hundreds of thousands in Africa, and, in 1991, a cyclone devastated the island communities of Bangladesh. All these disasters plunged millions of survivors into distress.

Poverty causes suffering among millions of people. Homelessness is one such obvious sign of poverty. Many low-income families live in city slums or rural areas that do not provide the basic needs such as food, shelter and clothing. The only work available may offer low uncertain income and little security. Many poor people work in dangerous or unhealthy conditions.

People who live in poverty are less likely to eat the foods they need to stay healthy or to receive good medical care when they are ill. Their children may not have enough to eat. The very poor are more prone to diseases and die at younger ages. Poverty brings despair, anger or lack of interest in anything except one's own worries. Financial, emotional and medical problems strain family ties. The poor have little influence in the community.

Businesses are interested more in people who buy their goods and services. The poor have limited political power. Many of the poor believe that no political candidate can help them and do not participate in elections. Studies show that large numbers of children born in low-income families remain poor all their lives. Many come to feel as helpless as their parents. In some parts of the world, poor people value large families as a source of family security and labor.

Underprivileged children may suffer from lack of nourishment for healthy growth during their important early years. They can seldom expect to attend good schools that will educate them for a full life.

(Adapted from: "The World Book Encyclopedia", P Volume 15, 1992)

Task:

You are a social worker in a community where poverty is a significant issue. Your supervisor asks you to brief her on the effects of poverty on society. Brief her on the effects of poverty in about 120 words, based on your understanding of the issue from the passage above.

Item 2.

Read the text below;

It was a typical morning at Kobs. Secondary School, with students chatting and laughing like a cacophony of birds as they waited for their first class to begin. But in one senior three class, a group of mischievous students had other plans. Led by a particularly stubborn student, Olangiri, they hatched a plan to play a prank on their chemistry teacher, Mr. Okello that would leave him feeling like a deflated balloon.

They snuck into the classroom early, scattering chili powder all over the floor like a blanket of snow. Then, they stepped on it, crushing the powder into a fine dust that covered the entire room like a thick fog. As Mr. Okello entered the classroom, he was met with a cloud of spicy dust that made his eyes water like a leaky faucet and his throat burn.

The students, trying to stifle their giggles, began sweeping the floor, making it worse, like pouring fuel on a burning fire. Mr. Okello, caught off guard, stumbled out of the classroom, gasping for air like a fish out of water. The students burst into laughter, thinking they had pulled off the ultimate prank, like stealing the show.

But the next day, things took a turn for the worse. As Mr. Okello began his lesson, one student muttered under his breath, "Wasted sperm." Mr. Okello, unsure who said it, asked the students in front if they knew who made the comment. They pointed to the back, and when he turned to investigate, the students in the back pointed to the front, like a game of musical chairs. Frustrated and angry, Mr. Okello slapped one of the students, Olangiri, hard across the face, like a thunderclap on a stormy night. Olangiri cried out in pain, covering his face with his hands, and the whole school was alerted to the commotion.

The head teacher rushed to the classroom, concerned about the disturbance. "Hey! What's amiss here?" he asked, sighing like a deflated balloon.

Olangiri, still covering his face, replied, "The teacher has hurt my eyes!" The head teacher asked to see the injury, but Olangiri refused, like a clamshell closing tight.

"Can we take you to the hospital?" The head teacher inquired, his voice soft like a feather. Olangiri shook his head, still sniffing like a rabbit. "Now, you boy, what do you want us to do for you?" The head teacher asked, stuttering like a machine gun.

Olangiri, with a mischievous grin, stretched out his hand and said, "Let him give me some 2k from there!" The whole class burst into endless laughter at this point, and the head teacher realized that Olangiri was making fun of the teacher.

"Oh, I see! You got me!" The head teacher exclaimed, laughing like a hyena. "Alright, alright, let's just calm down and..." The class continued laughing, and the head teacher tried to regain order, like a shepherd herding sheep.

The incident left the school in shock, with students whispering about the prank and the teacher's reaction. While some thought it was a harmless joke, others felt that Mr. Okello had crossed a line. As for Olangiri, he learned a painful lesson about the consequences of his actions, like a burned child fears fire.

(Adapted from: John Obuga's memoir)

Respond to the following tasks:

(a) You are a student in Olangiri's class and witness the prank on Mr. Okello. You see the chaos that ensues and Mr. Okello's angry reaction. How would you feel after reading the passage?

(b) You are Olangiri, and Mr. Okello slaps you across the face after the prank. You feel humiliated and hurt. Do you think Mr. Okello's reaction was justified?

(c) You are the head teacher, and you arrive at the classroom to find Olangiri crying and Mr. Okello frustrated. How would you handle the situation?

(d) You are a fellow student, and you hear about the incident days later. Some students think Olangiri deserved the slap, while others believe Mr. Okello overreacted. What do you think is likely to happen between Mr. Okello and Olangiri.

(e) What character trait does Olangiri exhibit in the story?

(f) What lesson do you learn from the incident?

Item 1.

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CTION B.

Choose one item from the following;

You are the school captain, and you have been asked to address the school during assembly. The assembly is attended by the entire school, including students, teachers, and parents. You ought to welcome new students to the school, encourage students to work hard and achieve their goals, and thank teachers and parents for their support. Prepare what you would deliver that day. **(Word count: 350-400 words)**

ITEM 2.

You are the president of the school debate club, and you need to inform the members of the club about an upcoming tournament. The tournament is being held at a nearby school, and you need to inform the members about the date, time, venue, and rules. You also need to remind them about the importance of teamwork and sportsmanship. Create a document to communicate to your clubs members. **(Word count: 300-350 words)**

END

HOLIDAY WORK

SENIOR THREE -FINE ART PAPER ONE

Duration: 1 Hour: 40 Minutes

INSTRUCTIONS

- Attempt number **ONE ITEM FROM EACH SECTION**
- Write down the item you have attempted from each section.

Name:.....Stream :.....

SECTION A: Art History

Item.1

Uganda and Several countries around the world, are blessed with art works like the art work in *Figure .A* and *Figure .B* because they are used as learning resources. You are leading a team to document and preserve these ancient art works in a remote cave system in Uganda. While examining one of the paintings, you notice that a section of it is fading plus that, the people in Uganda don't seem to understand the value of these art works.



Figure.A



Figure .B

Task

Create a write up explaining the steps you would take to preserve the fading section of the painting and show the public the importance of such art works.

Item.2

The ancient Greeks and ancient Romans achieved a lot in art. Most of their art works are used as learning aids to modern day students. Your art teacher has given you an assignment of creating an art work with the common characteristics which the ancient Greeks and ancient Romans took into serious consideration to create their art works.



Figure.C An ancient Greek art work called “The Spear bearer”, by Polyclitus.



Figure.D An ancient Roman art work Portrait of Augustus as Mars Ultor.

Task

As a knowledgeable student of art write about the important characteristics you are going to put into consideration to create amazing memorable art works like the art works in **Figure. C** and **Figure .D**.

SECTION B: Studio Technology (Art and the Economy)

Item.3

Ashurah and friends complain about the sun light that goes through their classroom window around the hour of 2:00 PM. Their class teacher buys two plain pieces of cotton fabric white colour and tells their group to use their knowledge in art and design to beautify this curtain before raising it up to serve its intended purpose.

Task.

Assuming you are a member in Ashurah’s group, use the knowledge you have acquired in art to guide your group in terms of the materials ,tools and the process they will go through to decorate this white cotton fabric.

Item.4

Very many homes around the country lack decoration items yet precious works of art like the art work in **Figure .E** can be cheaply made to decorate our homes using locally available materials. You have been selected as an expert as advise the your parents how to turn some of these disposed items into works of art to create an amazing home environment.



Figure. E

Task:

Create notes with the necessary steps, materials and tools that can be used to advise your parents about how to create a long lasting art work out of locally available materials to create an art work like the one in Figure .D.

END

HOLIDAY WORK
SENIOR THREE
ISLAMIC RELIGIOUS EDUCATION
TIME: 2 HOURS

INSTRUCTIONS

- Attempt all scenarios
- All questions carry equal marks

Item i

Yusuf Kiloosi converted to Islam but his relatives laugh at him claiming that he doesn't know the values and types of prayers in Islam, does not know how to purify himself before going for prayers, doesn't know where to face during prayers, what to give in for charity and will feel hungry for nothing during particular periods. He is becoming demoralized and wants to give up his faith.

TASK

Using your knowledge of Islamic religious education, assist Yusuf to regain his faith

Item ii

Isa and Mayimuna got married just after seeing each other for two weeks. However, they started struggling for understanding each other in their marriage. Mayimuna complains that her husband does not understand her needs and emotions; he doesn't help her with work at home, while Isa feels Mayimuna is demanding. They fight often and are unable to find peace in their marriage.

- a) As a student of IRE, teach this couple their responsibilities towards each other to find peace in their marriage
- b) What could be the likely outcome of what is happening in their marriage?

Item iii

The prophet (PBUH) helped his people at home with domestic work, had meals with his family, always visited other family members friends and the sick. On the way, he would go through the community ` like markets to

check on his people. While doing all that, he never forgot his duties as the imam and leader of the Madina city

TASK

- a) In reference to the above story, brainstorm on prophet Muhammad (PBUH)'s routine and how he spent his leisure
- b) Of what importance is leisure to a Muslim?

END

“LET SUCCESS BE YOUR TARGET”

HOLIDAY WORK

S.3 LITERATURE IN ENGLISH

TIME: 1HR 40MINUTES

INSTRUCTIONS:

- Number 1 is compulsory
 - Choose any other one from section B.
1. Read the poem below and answer the questions that follow.

“If We Must Die” by Claude McKay

If we must die, let it not be like hogs
Hunted and penned in an inglorious spot,
While round us bark the mad and hungry dogs,
Making their mock at our accursed lot.
If we must die, O let us nobly die,
So that our precious blood may not be shed
In vain; then even the monsters we defy
Shall be constrained to honor us though dead!

O kinsmen! We must meet the common foe!
Though far outnumbered let us show us brave,
And for their thousand blows deal one death-blow!
What though before us lies the open grave?
Like men we'll face the murderous, cowardly pack,
Pressed to the wall, dying, but fighting back.

(a) Poets use their works as a means of criticizing the evils in society. Through these poems, readers are exposed to certain characters who behave contrary to what is expected of them. Refer to the poem to explain what the poet is not in agreement with.

b) As a literature student and a member of society, you have interacted with many people you respect and look up to. However, sometimes you realise that some of these people are not as respectable as they seem. That realization obviously affects your feelings. Explain the feelings this poem arouses in you.

c) There have been mixed feelings about the modern Christian practices and teachings in society. Social is rife with all kinds of content against some churches and their pastors. We learn lessons every time we get such content. What lessons do you learn from the poem?

d) Just like cooks use spices to make the food more tasty, poets use poetic devices and literary tools to make their poems more appealing to the audience. Explain what the poet has used to make this poem attractive.

SECTION B

Choose one task from this section. Illustrate your answer by referring to any of the following set books:

WILLIAM SHAKESPEARE: The Merchant of Venice

FRANCIS IMBUGA: The Return of Mgofu

JOHN STEINBECK: The Pearl

LAWRENCE DARMANI: Grief Child

SYLVESTER ONZIVUA: The Heart Soothers

OKIYA OMTATAH OKOITI: Voice of the People

VICTOR BYABAMAZIMA: Shadows of Time

CHINUA ACHEBE: Things Fall Apart

DANIEL MENGARA: Mema

DAVID RUBADIRI: Growing up with Poetry

A.D. AMATESHE: An Anthology of East African Poetry

Either

Item 2.

The specific areas and times we live in determine the kind of life experiences we encounter. In the literary works, writers use the setting to develop their literary texts. Referring to any one of the set books you have studied, explain how the setting helps the reader to understand the text.

Or

Item 3.

In real life, sign posts help us to find our way to places we are not familiar with. In the literary world, text titles serve the same purpose to help the readers to find their way in the texts. With reference to any of the set books you have studied, explain how the title helps the reader to understand the text.

THE END

S.3 LUGANDA

HOLIDAY WORK

ESSAAWA BBIRI (2 HOURS)

EBIGOBERERWA:

- **DDAMU EBIBUZO BYONNA**

1. Soma ekitundu kino n'oluvannyuma oddemu ebibuuzo ku nkomerero.

LUTALO ATONNYA KU NSI

LUTALO yazaalibwa ku kyalo Lweteega mu ssaza ly'e Kyaggwe mu mwaka gwa 1984. Kitaawe yali musajja muyizzi era bambi omwami ono Ssaalongo Sserunkuuma yafiira ku mulimu ekiro ekyo mutabani we Lutalo lwe yazaalibwa. Kigambibwa nti Ssaalongo Sserunkuuma engo zaamutaagulataagula ku kizigo mu kibira ng'agenze okuyigga. Bw'atyo Lutalo n'ajja ku nsi nga mulekwa awedde emirimu era teyalaba ku kitaawe. Abaalaba ku kitaawe ono bagamba nti Lutalo ne Sserunkuuma agaasaaka ge gattula anti Lutalo yafaanana kitaawe n'amumalayo yenna.

Ebiseera Lutalo mwe yazaalibwa byali bya Kyeya era nga n'olutalo olwaleeta gavumenti eriko mu biseera ebyo lunyiinyitira mu bitundu by'e Luweero eyo. Maama wa Lutalo okuzaala yayambibwako Ssenga wa Lutalo era nga ye Mwannyina w'omugenzi omukyala Nabbosa Miriyeeri. Nabbosa olwalaba ku mwana wa mwannyina yayagala amubbulemu erinnya lya mwannyina Sserunkuuma olwokuba mbu omwana yali afaananye nnyo kitaawe n'amumalayo. Wabula Jjajja wa Lutalo bwe yajja enkeera okulaba ku mwana azaaliddwa, ebya Ssengaawe yabiyiwamu amazzi n'agamba nti omwana waakutuumbwa Lutalo olw'olutalo olwali lugenda mu maaso ate era nga linnya lya Kika kya Ndiga, Kyokka nga ne Jjajja wa Lutalo naye nga ye Lutalo Bbosa. Nga wayiseewo omwezi gumu, Lutalo yatwalibwa ku bujjajja bwe okumwalula, Era ku olwo baamwalula n'abaana abalala Baganda be babiri. Olwokuba nti Lutalo ye yali adda ku balongo ba Ssaalongo Sserunkuuma, baamwongerako erinnya erya Kigongo. Jjajja ng'amaze okumuyingiza mu kika nga era amaze okumukakasa nti mwana wa kika kya ndiga. Nti aviira ddala mu ntumbwe za Sserunkuuma, yamutwala ew'omulubaale mu ssabo amuwongeyo mu bajjajja era eyo yatwalayo enkokko eyaalujumba, Ewoomulubaale Lutalo baamutuumbiraye erinnya eddala erya Kibuuka. Wabula ekyo maama we Nnaalongo teyakyagala era ye ewoomulubaale teyalinnyayo kubanga mbu ye yali yalokoka ng'ebyo ebya lubaale ebiraba nga bya sitaani. Era waayita emyezi esatu omwana we Lutalo n'amutwala mu kkanisa

Miryangeena eyali emu yokka ku kyalo Lweteega. Mu kkanisa, Omusumba bwe yalaba ku mwana ono yamuweerawo erinnya lya Solomon mbu yamulaba ng'ajja kubeera musajja mugezigezi nga Solomon Kabaka eyali omugezi ennyo. Omusumba yamussaako emikono era n'amuyiwako amazzi mu kyenyi nga bw'amulaamirizaako emikisa wamu n'omwoyo omutukuvu amukutuleko emizimu gya bajjajja be. Okuva olwo Lutalo n'atandika okuyitibwanga Solomon. Bwe yakulamu banne ne bamukazaako lya Solo. Naye nga amannya ge mu bujjuvu yali afuuse Lutalo Kibuuka Solomon.

Ebibuuzo

- a) Okusinziira ku kitundu ekyo, leeta engeri ttaano (05) abantu ze batera okukozesa (kwe basinziira) okutuuma abaana baabwe amannya ensangi zino.
 - b) Olowooza lwaki buli muntu yandisaanye okubeera n'ekika kye era kimugattako ki? Leeta ensonga ttaano.
 - c) Mukwano gwo Ssemugooma Akram tayagala kweyita linnya lye ery'ekika erya Ssemugooma. Mbu ye talyagala limuswaza. Muwandiikire omuwabule era omuwe emigaso gy'erinnya ly'ekika.
2. Obadde oyiseeko mu kyalo gye bakuzaala gy'omaze ebbanga nga todda bukyanga ogenda mu kibuga okuyiia ensimbi. Okomyewo nga weevuga era olabika toli bubi. Abavubuka b'okukyalo be wakula nabo we bakulabyeko ne beewuunya nnyo gye wajja ensimbi. Basazeewo bakunjaane osobole okubabuulira ku ngeri ze bayinza okuyitamu okufuna ensimbi. Yogerako gye bali ng'obasomesa.

Bikomye wano.

456/1

MATHEMATICS

Paper 1

April, 2025

1.5 hours

Uganda Certificate of Education

HOLIDAY WORK

S.3 MATHEMATICS

Paper 1

1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

- This paper consists of **two** sections; **A** and **B**. it has **four** examination items
- Section **A** has **one** compulsory item
- Section **B** has **two** parts; **I** and **II**. Answer one item from each part
- Answer **three** examination items in all
- Any additional item(s) answered will **not** be scored
- **All** answers **must** be written in the answer booklet(s) provided
- Graph paper is provided
- Silent, non – programmable scientific calculators and mathematical tables with a list of formulae may be used

SECTION A

Answer all items in this section

Item 1

A woman whose husband lives abroad has been sent money for their two children with instructions on how to spend the money. She has received two million three hundred and eighty thousand shilling only with 40% to be used for the son's fees and $\frac{1}{2}$ of the remainder on the daughter's fees, ugx 100,000 is to be used for transport to school and the rest given to the children for their shopping. She has asked you for help on how to allocate the money as instructed but she decided that she would give the children their total amount for them to shop for what they want. Of the children, the girl asks her brother that they should play a game where the winner will get 3 parts while the loser gets 2 parts of the shopping money. The girl has her card with the number 7 and asks the brother to randomly pick a card out of five cards each with digits in binary base. He is required to convert the number on his card to decimal base. If his number turns out to be greater than that of her sister then he wins. The boy picks a card with the number 1101.

Task

- (a) Show how you can help the woman to determine the different amount as she has been instructed.
- (b) Who of the children will get the most amount of pocket money and how much will it be?

SECTION B

Part I

Answer one item from this part

Item 2

The headteacher of Jinja Modern SS is thinking of how he can boost the mathematics department of your school. He can either add another teacher or buy more books or both. He has decided that he will do both if the average performance of this year's performance for the 50 students is lower than that of the previous which was **64**. He asked the department to give a test and these were the student's marks.

86	30	26	64	87	47	49	26	43	25
45	38	44	56	59	52	76	27	89	46
90	57	73	48	58	89	51	32	56	88
66	62	52	67	69	68	49	92	66	95
54	74	32	39	35	36	69	50	71	92

He also visited the library and found out that previous candidates used three books for their revision; Longhorn, Baroque or Math Clinic. From the Librarian's records it is clear that those who did not use any books failed the subjects greatly. Out of the 50 candidates this year 13 used Longhorn, 20 used Baroque and 17 used Math Clinic. 9 used Longhorn and Math Clinic, 3 used Longhorn and Baroque while 8 used Baroque and Math Clinic only. The records show that 2 used all the three books.

He observed that he should replace one book type of the three with Fountain Publisher since no student read it only alone.

Tasks

- a) (i) Help the headteacher group the marks to make an informed decision on the fate of the department and defend it.
(ii) Display the students' marks in groups on a simple statistics diagram.
- b) (i) Help the headteacher identify the book he should replace and explain why
(ii) Find the probability that a student selected from the class failed.

Part I1

Answer one item from this part

Item 3

A community is planning to construct a tower on top of a hill. The base of the hill is located at a distance of x meters from point A. The angle of elevation from point A to the top of the hill is 50° , and the angle of elevation from point A to the top of the tower is 60° . The community has set a safety requirement that the height of the tower should not exceed 50 meters for stability reasons.

The community seeks your help in calculating the height of the tower based on the given angles of elevation and the distance to the hill, and would like your advice on whether the tower can be constructed safely according to the stability requirement.

TASK:

Help advise the community whether the tower can be built safely according to the safety requirement.

Item 4

Joshua is tasked to take company goods from a factory to three trading Centers. The car is going to use has 20 liters and it uses 1 liter of fuel for every 15 km. He left the factory to the first trading Centre which is 70 km away on a bearing of $N60^{\circ}E$. He then move eastwards at an average speed of 60 km/hr. for 30 minutes to the second trading Centre. From this Centre he took a bearing of 200° and move a distance of 50 km to the third trading Centre.

At this centre he was shown a direct- route that would take him back to the factory but was not sure whether the remaining fuel in the car was enough for the journey since he did not know the distance.

Task:

- (a) Help Joshua to determine;
- (b) The distance of the direct-route from the third trading center to the factory.
- (c) Whether the remaining fuel in the car will be enough for journey using the direct- route.

HOLIDAY WORK

S3 PHYSICS 2

535/2

DURATION: 2HRS

Attempt only one item

Item 1

The S.1 physics class is currently studying a topic of measurements. While in one lesson, a teacher said to them that in laboratory we have two types of metre-rules i.e. one made from wood and those from papers and that their masses ranges between **55g to 185g** depending on the type got. One of these students has come to you seeking for guidance on how she can ascertain the mass of the metre-rule she has in her hands because there is instrument that can give the mass directly.

TASK;

As a knowledgeable physics student around, help this girl to know the mass of the metre rule she has scientifically and give her appropriate advice.

Item 2

Your school wishes to buy glass blocks of refractive indices between **1.4** and **1.6** inclusive, to be used during physics practical lessons. The Director of Studies (DOS) has received samples of glass blocks from a supplier who claims that they are of the required range of refractive indices.

The DOS wants to confirm the supplier's claim but lacks the knowledge, yet both the physics teacher and laboratory technician are absent.

You have been provided with the sample of the glass block that was delivered to the DOS.

TASK;

Help the DOS to verify what the supplier says and advise the school on whether or not to buy the glass blocks.

HOLIDAY WORK

S.3 C.R.E
TIME : 2 HRS.

INSTRUCTIONS:

- The paper has got 2 sections A and B
- Attempt two stems from section A. (Section A is compulsory).
- One item from Section B.
- Attempt 3 items in all.

Section A

1.

A week later, when the time came for the baby to be circumcised, he was named Jesus—the name which the Angel had given him before he had been conceived. The time came for Joseph and Mary to perform the ceremony of purification as the law of Moses commanded. So they took the child to Jerusalem to present him to the Lord as it is written in the Law of the Lord: "Every first born male is to be dedicated to the Lord." They also went to offer a sacrifice of a pair of doves or two young pigeons as required by the Law of the Lord.

Luke 2:21–24 GNB

Task:

1. Explain the Christian rituals among Christians that are reflected in the above Bible text.
2. Explain the Traditional African worship rituals that are related to those in the Bible text above.

2.

In a certain village of Uganda, there are community members who passed laws in order to deal with criminals who had disorganized peace in their community. Such laws included: when a person is suspected to be a thief, he/she is burnt to death using a jerrican and tires. Those who are caught practising sexual immorality, they are undressed and remain naked in broad daylight. Revenge is the order of the day and community members have ignored the laws of the State claiming that their laws are quick and reliable.

Task:

1. Explain the Christian teaching that can help community members in the scenario above to respect human dignity.
2. How were some Traditional methods of respecting human dignity different from those reflected in the scenario above?

SECTION B: Attempt only one stem from this section.

3.

In Namakozi village, there is a rich young man called Mr. Magimbi. He spends his money aimlessly by going to bars and buying alcohol for all the people he finds there. On weekends, he spends his money in sports betting and buying prostitutes. He brags and despises those who are poor yet he is so selfish. It's now five years he has failed to develop himself.

Task:

1. Explain the Christian teachings that can enable Mr. Magumbo in the scenario above to use his wealth appropriately.
2. How did people in the Traditional African society utilise their wealth in order to develop their society?

4.

Once there was a man who was about to leave home on a trip. He called his servants and put them in charge of his property. He gave to each one according to his ability. To one he gave five thousand gold coins, to another he gave two thousand coins, and to another he gave one thousand coins. Then he left on his trip. The servant who had received five thousand coins went at once and invested his money and earned another five thousand. In the same way, the servant who received the two thousand coins earned another two thousand. But the servant who had received one thousand coins went off, dug a hole in the ground and hid his master's money. When the master returned, he gave the one who had earned five thousand more five thousand and did the same to the one who had earned two thousand, but he removed the one thousand from the one who hid his money in the soil and gave it to the one who had ten thousand coins.

Matthew 25:14–30 (GNB)

Task:

1. Explain ways in which Ugandans can use this message in the Bible text above in order to be productive.

2. How are the African traditional values of work reflected in the Bible text above?

- SHALOM -