

PHYSICAL EDUCATION

QUESTION ONE:

In the meeting of board of Bank Hill College, the head teacher said that there are some useless subjects taught to students and therefore should be stopped from being taught in the school. One of the selected subjects was physical education using the knowledge acquired, prepare a write up to show your side “is it true that physical education is useless“ and why?

QUESTION TWO:

African Bank made an offer on teaching how to conduct first aid to secondary schools in kiira municipality. Many staff members of different schools were very happy and welcomed the offer. They also said that it will help their sports students. By using knowledge from first aid and safety, make a write – up showing the important of first aid to the sports students of such schools.

3.Learners are emphasized to know the similarities and differences between games and sports.

- a) State two similarities between games and sports.
- b) State three differences between games and sports.

4.All Senior one learners are encouraged to engage in physical activities. Write down **five** examples of physical activities.

- a) For good health, social and wellness, sports men and woman are emphasized to know the components of physical education. State **five** components.

- b) Everyone should have the knowledge of giving first aid. Give **five** reasons why you should give first aid.
- c) Many people say that giving first aid is very important and has terms that are being used. Define the terms.
- i) First aid:
 - ii) First aider:
 - iii) A casualty:
 - iv) First aid kit:
 - v) First aid equipment:
- d) You should always follow DRABC routine as you help the casualties.
- a) Write the DRABC in full.
 - b) Write the body organs that is responsible for;
 - i) Breathing:
 - ii) Circulation:
 - c) Define **Cardiac arrest**.

SECTION B

- e) Most of learners from Senior one are appreciating the ministry of Education for introducing Physical Education in secondary schools. The subject carries a lot of benefits to the learners that helps them in their daily life and they are encouraging all people to engage in physical activities. Use a presentation to show the appreciation of learners.
- f) Athletics is one of the sports activities to be organized at BankHill College this term. The games master was told to organise the events to be participated in and [For more holiday package, lesson notes, past papers, scheme of work, lesson plans for all classes go to www.mutoonline.com](http://www.mutoonline.com)

he failed. He promised to consult S.2 learners. Show how you will help the games master.

- g) During competitions in gymnastic activities hold from Ndejje community , participants were emphasized to ensure good health care and safety measures. This helps participants to have effective performance and also to avoid some injuries that would result.

Make a presentation that you would use to detail the above information.

ENGLISH

1.The Christian fellowship club in your school is planning to give out story books to the neighboring primary schools in your community to support the development of literacy. You have talked to the students in your school and they have promised to come with some of the story books which they have at home but are no longer using.

- a) Find out the schools which need these story books, the numbers of learner's in the school, the number of students in your school who are ready to help you in this activity.
- b) Develop a survey tool to gather this and more information that you think will help you do good job.
- c) Write a report on your finding which you will present to the Head teacher and the staff.

2.If you are at school and you would love to communicate to your family more to your parents but you have no phone and the teachers are away. The only means of communication available is for you to write a letter.

Write a friendly letter to your parents informing them how you love and adore them and how life at school takes you.

3.Read the passage carefully and answer the questions that follows.

Tom Sawyer Tries To Avoid School

Monday morning found Tom Sawyer miserable. Monday morning always found him so – because it began another week’s slow suffering in school.

Tom lay thinking. Soon it occurred to him that he wishes he was sick; then he could stay home from school. He checked his body. He did not find any illness, and he checked again. Suddenly he discovered something. One of his upper front teeth was loose. This was lucky; he was about to begin to groan when he realized that if he told his aunt this, she would pull it out, and would hurt. So he thought he would tell his aunt about the tooth for the present. Then he remembered hearing the doctor tell about certain thing that made people ill for two of three weeks and threatened to make them lose a finger. So Tom Sawyer eagerly drew his sore toe from under the sheet and held it up for inspection, and started groaning loudly.

But his brother Sid slept on unaware of what was happening. Tom groaned louder, and imagined that he had begun to feel pain in the toe.

Still no response from Sid. Tom took a rest and then swelled himself up and made a number of admirable groans.

Sid snored on. Tom got angry. He said, "Sid, said!" and shook him and then began to groan again.

Sid yawned, stretched, then lifted himself up on his elbow, and stared at Tom. Tom went on groaning. Sid said:

"Tom! Say, Tom!" (No response) "Here, Tom! Tom! What is the matter, Tom?" And he shook him and looked in his face anxiously.

Tom moaned out: "Oh, don't, Sid. Don't shake me so hard!"

"Why, what's the matter, Tom? I must call auntie."

"No- never mind. It will be over soon, maybe. Don't call anybody."

"But I must! Don't groan like that, Tom, it frightens me. How long have you been this way?" "Hours. Ouch"!

"Tom, why didn't you wake me sooner? Tom, what is the matter?" "I forgive you everything, Sid. (Groan) Everything you've ever done to me. When I'm gone-"

"Oh, Tom, you aren't dying are you? Don't, Tom- oh, don't. Maybe-" "I forgive everybody, Sid. (Groan) tell them so, Sid. And, Sid, you give my window sash and my cat with the one eye to that new girl who has come to town, and tell her-"

But Sid had snatched his clothes and gone. Sid flew downstairs and said: “Oh, Aunt Polly, come! Tom’s dying!” “Dying!” “Yes aunties. Don’t wait- come quick!” “Nonsense! I don’t believe it!”

She still rushed upstairs, though, with Sid and Mary at her heels. Her lip trembled. When she reached the bedside she gasped out: “You, Tom! Tom, what’s the matter with you?”

“Oh, Auntie, I’m-” “What’s the matter with you, child?” “Oh, auntie, my sore toe is killing me!” The old lady sank down into a chair and laughed a little, then cried a little, then did both together. Then she said:

“Tom, what a shock you did give me. Now you shut up that nonsense and climb out of bed.” Tom stopped groaning and the pain vanished from the toe. He felt a little foolish, and said: “Aunt Polly, the toe hurt so much I never minded my tooth at all.”

“Your tooth, indeed! What’s the matter with your tooth?” “One of them’s loose, and it aches terribly.” “There, there, now, don’t begin that groaning again. Open your mouth. Well, your tooth is loose, but you’re not going to die from that. Mary, get me a silk thread, and a chunk of fire out of the kitchen.”

Tom said: “Oh, please, auntie, don’t pull out my tooth out. It doesn’t hurt any more. Please don’t, auntie. I don’t want to stay home from school.”

“Oh, you don’t, don’t you? So all this noise was because you thought you would get to stay home from school and go fishing? Tom, Tom, I love you, and you seem too try every way you can to break my old heart with your outrageousness.”

By this time the dental instruments were ready. The old lady fastened one end of the silk thread to Tom’s tooth with a loop and tied the other to the bedpost. Then she seized the

chunk of fire and suddenly thrust it almost into the boy's face. The tooth hung dangling by the bedpost.

“The Adventures Of Tom Sawyer’ By Mart Twain (Adapted)”

Questions

- a) Why didn't Tom Sawyer want to get out of bed?
- b) Was Tom Sawyer ill or not? How do you know?
- c) What shows that Tom Sawyer was not too weak to get out of bed?
- d) Who do you think Sid is? **Choose the correct answer from the five below.**
 - A. He is Tom Sawyer's uncle.
 - B. He is Tom Sawyer's father.
 - C. He is Aunt Mary's husband.
 - D. He is a boy who sleeps in the same room as Tom Sawyer.
 - E. He is Tom Sawyer's brother.
- e) Tom Sawyer discovered that one of his toes was sore. What other word can you use instead of 'sore'?
- f) When someone groans, it means that: **(circle the best alternative)**
 - A. They are happy
 - B. They are angry
 - C. They are in pain.
 - D. They don't want to get out of bed.
- g) Tom Sawyer told Sid: 'When I'm gone.....' What did he mean?

- h) Tom Sawyer's tooth was loose and he told Sid that it hurt 'terribly'. Later, however, he told Aunt Polly that it was not aching any more Why?
- i) What happened when Aunt Polly thrust the chunk of fir into Tom Sawyer's face?
- j) How would you describe Tom Sawyer's character? (**choose the best alternative**)
- A. He is honest
- B. He is lazy.
- C. He is greedy.
- D. He is cunning.

3. Put the adjectives in brackets into their comparative or superlative forms.

- a) This is one of the (**beautiful**) cities in Uganda.
- b) Andrew plays quite well but John is (**good**) player in the team.
- c) Who is (**young**) of your ten children?
- d) Which town has (**high**) buildings for all?
- e) (**Most/more**) birds can fly but not all. (**choose the most correct**)
- f) (**Most/ more**) babies die of Malaria than of any other disease. (**Choose the most correct**)
- g) I am sure this is (**good**) of the two.
- h) Which is (**big**) tribe in Ghana?
- i) Gambia is one of Africa's (**small**) countries.
- j) I shall buy a car that goes (**fast**).

1. **Write the plural forms of the following.**

- a) Chicken
- b) Honey
- c) Girl -guide
- d) Mango
- e) Cupful
- f) Head of state
- g) Cupboard
- h) Head-monitor
- i) Carbon copy
- j) Blackboard

4. Complete the following sentences using the correct abstract noun from the words in the brackets.

- a) After winning the match, we could not express our..... (excite)
- b) There is a strong..... among Christians that Jesus will come back soon. (believe)
- c) Kato's made him to lose the job. (proud)
- d) these days is expensive. (educate)
- e) The teacher warned us against (absent)
- f) We could not explain the..... of our herdsman. (die)
- g) There is a lot of..... in most countries. (poverty)
- h) Annet's..... was beyond comparison. (beautiful)
- i) is a social virtue that should all embrace. (punctual)

j) The committee will decide on that boy's fate. (discipline)

BIOLOGY

1. In a Biology playing card box, there are the following playing card with their respective numbers.

CARD NO.	1	2	3	4	5	6	7	8	9	10	11	12
CARD	E	P	T	P	V	O	L	U	F	N	R	S

CARD NO.	13	14	15	16	17	18	19	20	21	22	23	24
CARD	A	R	H	N	D	A	E	N	O	T	T	A

CARD NO.	25	26	27	28	29	30	31	32	33	34	35	36
CARD	H	I	O	A	M	I	O	A	E	T	S	R

CARD NO.	37	38	39	40	41	42	43	44	45	46	47	48	49
CARD	Z	O	A	L	A	R	S	R	S	I	B	I	T

CARD NO.	50	51	52	53	54	55	56	57	58	59	60	61
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CARD	N	I	M	C	T	O	C	G	G	C	O	T
------	---	---	---	---	---	---	---	---	---	---	---	---

CARD NO.	62	63	64	65	66	67	68	69	70	71	72	73
CARD	E	R	A	S	E	T	H	E	I	T	O	R

TASK: The following are the Biology occupations commonly done

1. ZOOLOGIST
2. PHARMACIST
3. TEACHER
4. DOCTOR
5. FARMER
6. VETERINARIAN
7. PATHOLOGIST
8. NURSE.
9. BOTANIST

Obtain the above terms from the cards in the tables above. Indicate the letter and number of the respective letters for each word.

N.B: Each letter and respective number should be picked ONCE.

2.”A motor cycle can locomote and move some of its parts, it is also fed into fuel, and release exhaust fumes from its engine while locomoting, it also has two types of tyres equated to legs in man, handles equated to hands and a tank opening equated to a mouth.”

The above analysis is for a P.6 brother who has just studied about living things and insists that a motorcycle is also a living thing.

TASK

In less than 120 words, write a whatsapp message you would text and send to your father explaining to your brother whether a motorcycle is a living thing

3.The director of BankHill College found three students of Senior one discussing Biology in their class about living things and the branches of Biology. He was interested to know more about what was being discussed from the basis of the subject. As a discussant,

- i) Define the term Biology. (2mks)
- ii) Suggest **five** reasons why you should convince the director to allow you continue discussing Biology. (10mks)
- iii) Mention any **five** characteristics of living things? (5mks)
- iv) Define any **five** branches of Biology. (10mks)

4.All living things are made up of cells.

- a) What is a **cell**? (2mks)
- b) Plants and animals have specialized cells?
 - i) Define the term **specialized cells**. (2mks)
 - ii) Mention any **three** specialized cells found in blood. (2mks)
 - iii) In the space provided, draw a well labeled structure of a plant cell.(10mks)
 - iv) State any **four** functions of any **four** parts on a plant. (8mks)

5. (a) In the table below, differentiate between a plant cell and an animal cell.

Plant cell	Animal cell
.....
.....
.....
.....
.....

(b) Draw a well labeled diagram of an animal cell in the space provided below. (5mks)

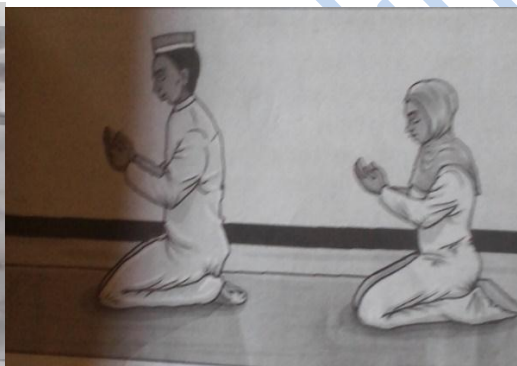
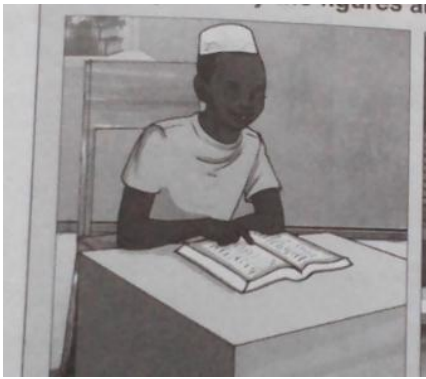
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1.

A	D	H	A	N			D		F	A	S	R
B							U		A			A
L		R	U	K	U		A		R			K
U						I			A			A
T	A	Y	A	M	U	M			D			F
I						A			H			
O						M		Q				
N	I	Y	Y	A	T			I				D
	Q							B		I		H
J	A	M	A	H				L		S		U
	M							A		H		H
M	A	G	H	R	I	B		H		A	S	R

- Write down the call for prayer from puzzle.
- Identify the condition for prayer town puzzle.
- Write the person who leads Muslim in prayers.
- Name any five prayers from the puzzle.
- Write ten importance prayer to Muslim

2. Study the picture and answer the questions that follow.



- a) Explain **Worship** in Islam. (2marks)
- b) Explain the different forms of worship being portrayed in pictures above. And also explain the unmentioned forms of worship in the pictures. (15marks)
- c) Discuss the purpose of worshipping Allah through the different forms of worship. (10marks)

SECTION B

1. (a) Explain the features characterizing worship in your school community. (10marks)
- (b) In what ways are such features valuable to your school community?

(5marks)

2. Show how your commitment to God has been valuable to you and your community.

(10marks)

SECTION C

Rashid is an Imam at Kanaaba Islamic mosque. He has helped and made people to proclaim Shahadah for those who want to convert to Islam, teaching them how to fulfill the pillars of Islam from the Holy Quran and the sayings of prophet Muhammad (P.B.U.H). He has encouraged his members to fulfill the obligated pillars of Islam in order to show commitment of worshipping Allah.

TASK;

3. (a) Explain the pillars of Islam Muslims have to perform in order to show the commitment of worshipping Allah. (5marks)

(b) Explain how Imam Rashid guides the new converts to remain faithful to the testimonies of Shahadah. (13marks)

(c) As Islamic student and a Muslim as well, how would you please the new convert to love and remain in the Islamic religion?

CHEMISTRY

- In what ways has chemistry contributed to the economy of the country?
 - Name any four major factories and two products produced by them using the knowledge of chemistry that have improved on the economy of the country.

Name of factory	Any two products produced by the factory

- Mr John a farmer was interacting with son Sam who had just started secondary School. Sam was very excited telling his father about the new subjects he found in secondary school which included chemistry. Mr John did not attend secondary school so he kept on wondering what chemistry is and its importance to his son
 - As student who understands what chemistry is, develop a message to Mr John revealing to him the existence of chemistry in his everyday life so that he appreciates chemistry.
 - Develop short message to show Mr. John the importance of chemistry to him and his son.

3(a) in the chemistry laboratory there are laboratory rules and regulations. Give three reasons why they are put in place.

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(b) State the reason why a student should not

(i) run while in the laboratory.

(ii) Taste or eat something in the laboratory

(iii) Name any four laboratory apparatus which can be used to measure volume of liquid.

4. (a) State six (6) materials used in everyday life that are made with the knowledge of chemistry.

(b) State six careers that require the study and knowledge of chemistry.

1. Chemistry is laboratory science. Its subject matter and theories are based on experimental observations. However, its scope reaches out beyond the laboratory into every aspect of lives, to our understanding of nature of the planet, the environment we live in, the resources available to us and factors that affect our health. It should be brought to our attention that the knowledge of Chemistry is being used in everyday life and it has contributed to the social and economic development of our country, Uganda and the whole world as well.

As a student who has attained the knowledge of Chemistry and aware of the various applications in both social and economic development of nations.

Write a well elaborated speech you would give before the parents as a member who has been chosen to represent BankHill Chemistry students' club in a meeting held at BankHill College on a theme "*Applications of chemistry and contributions to the socio-economic development of our country Uganda*" as well as highlighting the negative effects of application of Chemistry knowledge on the environment and how these effects can be solved.

(20marks)

Hint:

- a) Define Chemistry and give some examples of Chemistry in daily life.
- b) Explain how Chemistry has contributed to the economic development of your country and give examples in each case.
- c) Mention the negative effects of application of Chemistry knowledge on the environment and measures that can be taken to overcome such effects.

GEOGRAPHY

1. In your own words, write down four reasons why you think learning geography is important. (5 marks)
2. Name the occupations in which the knowledge of geography can be applied. (5 marks)

FINE ART

1. Using line, shape, size, tone, texture. Draw and paint or shade either a bucket or a basin.

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CRE

SECTION A

1. (a) Define Worship. (2marks)
- (b) Explain the different forms of worship in your society. (10mks)
- (c) Explain six important days do Christians observe in Uganda. (8mks)

SECTION B

2. Explain the purpose of worship. (15mks)
3. Explain the different ways of worshipping in you know. (15mks)

SECTION C

Ronald lives in Ndejje village. He is a God fearing man, he taught and encouraged his family members to worship God. Musana held fellowship in his home every morning and evening. They read the word of God, sang songs of praises, prayed for the sick.

TASK:

- a) Identify the forms of worship at Ronald's family. (5mks)
- b) Explain the reasons why him and other family members pray. (5mks)
- c) As a Christian why would you advise your friend who doesn't want to pray. (15,ks)

ENTREPRENEURSHIP

ABARO'S MODERN RESTAURANT.

Abaro lives in Ndejje Masitowa where she inherited a piece of land with a house from his father, she decided to sell part of the land and invested the money in the business. She started a restaurant and the house was used as a business premise with five workers.

Initially she had few customers and things never moved on well with her despite of waking up early to do the routine activities. Last year, out of research, she received a big tender (order) of providing food to counsellors at Makindye Ssabagabo Municipality headquarters whenever there were meetings and functions.

However, she was faced with a challenge of enough capital to fulfil the deal, so she convinced Centenary bank and requested for a loan of fifty Million shillings (50,000,000) she could then serve them satisfactorily. She also bought modern equipment and machines for preparing enough food effectively, started takeaway and outside catering services. Of recently Abaro has bought two motorcycles to help in Jumia online food deliveries.

This has made customers increase and the need to employ more staff. She employed ten more casual workers and two skilled personnel in catering. She has also gone for further training in the same career. She uses the internet to access the knowledge on modern foods and their recipes which has made her more competent. This has further attracted more customers and increased her profit margin. She has a plan of opening another branch in the heart of the city.

TASK;

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1. As a student of entrepreneurship Education, Identify the entrepreneurial characteristics making Abaro successful in business.
2. How has Abaro employed creativity and innovation in her business?
3. In a write up, advise Abaro on the possible business risks that she should expect when doing business.

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HISTORY AND POLITICAL EDUC

You have visited most of the historical and cultural sites in Uganda as a senior one student of history and political education.

- (a) Identify the following
- i) Four political sites. (4mks)
 - ii) Four social historical and cultural sites. (4mks)
 - iii) Two economic historical sites. (2mks)
1. Assume you are the minister of tourism and trade, what would you do to attract both local and foreign tourist? (10mks)
2. (a) What challenges is the Uganda political sector facing today? (5mks)
(b) What do you think should be done to overcome the above challenges? (5mks)
3. Our great grandparents migrated from central and West Africa and came to east Africa. Discuss the reasons for their migration. (10mks)

LUGANDA

1. Soma ekitundu ekikuweeredwa n'oluvannuma oddemu ebibuuzo ebikikwatako

Erinnya lyange, nze Namukasa Ninarose. Nakulira ku kyalo Ndejje Kanaaba. Ndi mukyala mulimi. Nina omusiri gwa lumonde omunene ennyo! Era n' o lusuku lw'amatooke lwakuba enkuba bwe yatonnya empewo yali nnyingi ebitooke ebimu ne bigwa. Ewaka nina amazzi agafukirira enva endiirwa: siri mulimi kyokka wabula era ndi mukazi mulunzi nga nina eggana ly'ente.

Omwami wange ye Mwami Nyonyintono era alina omutima omulunji n'ekisa. Abantu babeera batubuuza nti, "mwe sente ennyingi bwe zityo muziggya wa?"

(Obubonero 20)

- a) Wa ebika bya mannya ag'enjawulo amannya ago agaliko omusitale mwe gagwa.

Erinnya Ekika kye linya

(b) Obubonero obuli mu kitundu kyosomye buwe amannya gaabwo. Era buli kamu wandiikako sentensi emu ng'olaga enkozesa yaako. (Obubonero 10)

2. Oli muyizi mu kibiina ekya siniya esooka mu kibiina ky'olulimi oluganda mu bibuuzo byonn\ ebibadde bikolebwa mu ssomo ly'olulimi oluganda ozze osinga bano bonna. Ku luno omusomesa w'olulimi oluganda akuwadde omukisa onnyonnyole ku bayizi bano ku bintu bino wammanga nabo basobole okufuna obubonero obulungi ng'obubwo.

- a) Ebika by'ennukuta ebiri mu walifu y'oluganda era ennukuta ezo oziwandiike.

(Obubonero 20)

- b) Ennukuta **L** ne **R** , tuzaatula kye kimu naye bwe tuwandiika tuzawuula, nnyonyola n'ebiyokulabirako tobigya mu lupapula luno. (Obubonero 10)

3. (a) Emiwendo gino giwandiike mu bigambo.

a) 11,525: _____

b) 318,200: _____

1,110: _____

1,839,000: _____

9,900: _____

(ii) Wandika emiwendo gino.

a) Emitwalo asatu mw'enkumi taano.

b) Omutwalo gumu mu bisatu mw'ataano.

c) Akakadde kamu mwe mitwalo kumi nagumu.

d) Bisatu kuminataano.

e) Emitwalo ataano mu bitaano.

PHYSICS

SCENARIO

This informs that Physics is all around us and discoveries can be made anywhere. But the best place to carry out scientific research in the world today is the **LABORATORY**. So that's why learners should know about the laboratory, its rules, care and maintenance.





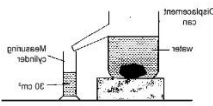


SUPPORT MATERIAL



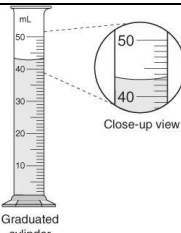


ii) Physics.

(b) Use the knowledge you acquired to list all the branches of Physics you know.

2. On visitation day your young brother visited you at school after a warm, delicious meal you took him to show him the school laboratory. Briefly explain the name, use and units of the following instruments.

INSTRUMENTS	NAME	ITS USE AND UNITS
	<p>.....</p>	<p>.....</p> <p>.....</p>
	<p>.....</p>	<p>.....</p> <p>.....</p>
	<p>.....</p>	<p>.....</p> <p>.....</p>
	<p>.....</p>	<p>.....</p> <p>.....</p>
	<p>.....</p>	<p>.....</p> <p>.....</p>
	<p>.....</p>	<p>.....</p> <p>.....</p>
	<p>.....</p> <p>.....</p> <p>.....</p>	<p>.....</p> <p>.....</p> <p>.....</p>

3. The table below contains some physical quantities commonly used in real life situations, Complete the table using the right symbol, unit and quantity.

Quantity	Symbol of the quantity	S.I Unit	Symbol of the S.I unit
Mass
Length
Electric current
Area

Density
Pressure
Energy or work

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ICT

In the computer laboratory, computer data and Information are open to a number of risks hence there is great care and protection. As a learner with ICT background, give 5 ways of protecting data and Information in the computer Lab. (05 marks)



- (i)
- (ii)
- (iii)
- (iv)
- (v)

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The use of smartphones has increased in Uganda.



What are some of the dangers of using a smartphone by a student? (02 marks)

.....
.....

(b) With touch screens, the user can choose an option by simply touching a button/icon on the screen. Mention some areas where touch screens are used. (03 marks)

- (i)
- (ii)
- (iii)

4. (a) Give two examples of ICT Tools used in hospitals.

.....
.....

(b) Write the following in full

- (i) ICT
.....
- (ii) PC
.....
- (iii) CCTV
.....

5. Name three ICT Tools in the images below.



.....
.....
.....

(b) Give two reasons why ICT should be taught in secondary schools.

.....
.....
.....

SECTION B

ANSWER ONLY ONE QUESTION.

7. a) Mudungu lives in Nairobi, Kenya. He is a businessman dealing in transport. His company is called A and P Transporters. One morning, he called his friend Monica who lives in Uganda and introduced to her the idea of opening up a branch in Uganda. After the call,

Musa sent Monica an Email giving the business details. The details had data obtained from different research papers and pictures. When Monica received the email she called Musa on Skype and they both had a conclusive discussion.

TASK:

- i) Identify the different icts used in the above story.
- ii) Discuss the uses of different icts mentioned in i) above

- iii) Discuss the different ways in which a mobile phone can be used an ict tool to support business activities.

8

Suppose you have been asked to type a letter inviting the head teacher to a debating competition entitled "*A world without computers is not a world at all*"



Task: State how the following hardware devices can help you in typing, processing, storing and printing out the letter.

MATHEMATICS

ITEM ONE

Four boys, whose homes once located on a grid map form a rectangle, would like to meet at the Centre of their homes to play soccer since they believe that location would be a fair distance for all of them. One boy is located on coordinate (4, 6) and the other boy is located on coordinate (4, 12).

TASK

- a) Where are the homes of the other two boys on the grid?
- b) On which coordinate will they meet?

ITEM TWO

You 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 their, you met a new friend. She tells you that she comes every 4days and you come every 6 days.

You ask her how much she pays so that you compare with yours and she says “I paid a member ship 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 you, you pay UGX.10,000 each day you visit the gym. And you visit the gym 5days a month.

After the gym you decide to hang out for a cup of coffee and a PIZZA and each of you had to pay forty-five thousand five hundred shillings. Later your friend got an emergency call and left before you exchanged contacts.

TASK

a) i) What are the fewest number of days you will have to wait for, to meet your friend again?

ii) Using the number of days, mark the exact date on the calendar.

b) i) how much do you spend on the gym a month?

ii) Comparing with how much your friend pays, what can you do and why?

c) i) how much did you spend that day?

ii) On the money you came with, how much balance did you take back home?

iii) Will you be able to cater for all home expenses? Explain why you say so.

ITEM THREE

You decided to have a joint graduation party with your sibling. This is to cost you a total of UGX.4,000,000. You are nearing the D-day and want to find out whether you have the amount required or not. So you decided to revise your contributions below:

Your parents contributed 12.5% of the money. Your sibling contributed 12.5% more than your parents and since you were the eldest, you contributed $2\frac{1}{2}$ of the amount your sibling contributed.

TASK:

Do you have the required amount for the party or should you postpone it?

ITEM FOUR

On April 4, 2020 the Covid19 task force started the distribution of food in Kawempe Division (Kampala district). Each member in the household was given a package containing 6kgs of maize flour, and 3 kg of beans. There are 10 households in the community with 3, 5, 7, 4, 6, 5,8,12, 13, 4 members respectively.

TASK

- a). Determine the number of packages the task force distributed in kawempe division.
- b). Determine the total weight of the maize flour that was distributed in the division.
- c). In case there are some remaining packages, discuss what the task force should do with them.
- d). The prices of, beans and maize flour was approximated to be at 4000UGX and 2500UGX per kilogram respectively. What is the total amount of money spent by the government on maize flour and beans in the 10 households?

ITEM FIVE

Two learners were given a task of plotting the following points on the grid.

A(0, 4) B (2, 2), C (4, 2), D (2, 0), E (4, -2), F (0, -1), G (-4, -2), H (-2, 0), I (-4, 2) and J (-2, 2). Before they plotted the points, Jane told Musa that when plotting, for point A you move 4 units to the right of the origin and no movement along the y-axis from the origin. For point C you move 2 units to the right of the origin and 4 units parallel to the y-axis in the positive direction. Musa said no for point A there is no movement along the x-axis, you only move 4 units along the y-axis. While for point C you move 4 units from the origin on the x-axis, then two units parallel to the y-axis.

TASK

- (a) Comment with reasons on Jane's explanation of plotting the points.
- (b) Using Musa's explanation, plot the coordinates.

Join the points to form a polygon and show its lines of symmetry.

MATHEMATICS RESEARCH TOPIC: BEARING

LITERATURE IN ENGLISH

Read the following story and answer the questions below in complete sentences.

A magician once passed through a forest where many brown birds flew from tree to tree and filled the air with songs. For a long time, he sat and listened, greatly delighted by their beautiful songs, but in the end he became very jealous, for he himself could not sing.

At last he felt that he must find a way of getting the voices of these singing birds, so he called them all together and said:

“I am sad because the gods have given you such ugly brown features. How happy you would be if you were brilliantly coloured with red, blue, orange and green!”

And the birds agreed that it was a great pity to be so ugly.

The magician then said that by means of his magic he could give them all beautiful feathers in exchange for their voices-which were, after all, of very little use to them, since nobody came into the forest to hear them.

The birds thought over his words, and desired very much the beauty he promised them. So they foolishly agreed to give him their voices, which the magician placed all together in a large calabash.

He then turned the dull brown feathers of the birds into orange and green and red, and they were very pleased.

The magician hurried away, and as soon as he came to a deserted place he opened the calabash and swallowed its contents. From that day he had an extremely sweet voice, and people came from far and near to listen to his songs.

But the birds were satisfied with their bright feathers. And this is why the most beautiful birds are quite unable to sing.

This is adapted from Practical English book 1

QUESTIONS

- All answers must be written in complete sentences.

1. Why did the magicians sit to listen?
- 2a) Was the magician really sad to see the birds' ugly feathers?
b) Why did he say so?
- 3a) Were the birds wise to give him their voices?
b) Pick up the word that supports your answer.
4. Where did he put their voices?
5. What did he do for them in return?
6. Why did he swallow the contents of the calabash?

7a) Were the birds watching him at the time?

b) Pick out a word that gives you the answer.

SECTION B (POETRY)

1. What do you understand by the word "Poetry"?

2. Write all the characteristics of poetry.

3. Show clearly the properties of poetry.

4. Draw a table showing the differences and similarities between songs and poems.

5. Explain the difference between poetry and prose.

6. Read the poem and answer the questions below it.

Atieno washes the dishes

Atieno Plucks the chicken,

Atieno gets up early,

Beds her sacks down in the kitchen,

Atieno eight years old

Atien yo.

Since she is my sister's child

Atieno needs no pay

While she works my wife can sit

Sewing every sunny day,

With her earnings I support

Atieno yo.

Atieno's sly and jealous

Bad example to the kids

Since she minds them, like a school girl

Wants their dresses, shoes and beads.

Atieno ten years old

Atieno yo.

Now my wife has gone to study

Atieno is less free,

Don't I feed her, school my own ones,

Pay the party union fee

All for progress? Aren't you grateful,

Atieno yo?

Visitors need much attention,

Specially when I work night.

That girl stays too long at the market

Who will teach her what is right?

Atieno rising fourteen,

Atieno yo.

Atieno had a baby

So we know that she is bad

Fifty-fifty it may live

To repeat the life she had,

Ending in post partum bleeding

Atieno yo.

Atieno's soon replaced

Meat and sugar more than all

She ate in such a narrow life

Were lavished on her funeral

Atieno's gone to glory

Atieno yo

By Olidhe Macgoye (Kenya)

QUESTIONS:

All questions must be answered in complete sentences.

1. Who is speaking in the poem?

2a) Explain five difficult chores that Atieno does

[For more holiday package, lesson notes, past papers, scheme of work, lesson plans for all classes go to www.mutoonline.com](http://www.mutoonline.com)

b) Are they fit for her age and gender? Why?

3. Describe five rights that Atieno is denied as a child.

4. What are your feelings towards:

Atieno? Explain three feelings.

5. Do you think there are things in the poem that also happen in your community?

6. If you were Atieno in the poem, what would you do?

SECTION C

SCENARIO

Your sub-county has organized an environment week and invited your school's Environment Club to present a number of items. You have been chosen to write a play addressing the environmental problems in your area and suggesting solutions to these problems. Look at the problems that are in your community, such as, poor refuse disposal, drainage blockages, kaveera (polythene bags) or any other.

Task

Choose one problem and write a play showing the dangers of environmental degradation in the community. Your play should end on a hopeful note, where the residents have started to care about their environment. Your play should not exceed two scenes.

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KISWAHILI

MAAGIZO: Jibu maswali matatu, sehemu B ni ya lazima. (answer 3 questions, section is compulsory)

SEHEMU A: INSHA (WATU WA NYUMBANI)

1. Kuna maneno katika boksi hiyo. Jaza mapengo ili uandike insha nzuri. (fill in the gaps from the box and make a good composition below.)

Wazazi, chamsha kinywa, kampala, shuleni, kaka, kanisani, St Lawrence, rafiki, mwalimu, mungu, kukamua, kucheza, kwenda, filamu, osha, salimu, netiboli, kupika, mwili, mpira wa kandanda, kumi, toka

Jina langu ni suluhu, minmi na.....wangu
tunaishi jijini.....nina dada mmoja
na.....mmoja.

Ninasoma katika shule ya upili ya.....baba yangu
ni mwanasheria na mama yangu ni.....

Wazazi wangu, nina

oga.....ninapata.....

Na halafu ninakwenda.....shuleni
nina.....wengi kama Rickie, Baraka na
Uhuru, Mimi na marafiki wangu
tunapenda.....michezo mbalimbali
kama:.....na.....nikirudi nyumbani
saa.....ninawasalimu wazazi wangu,
nina.....vyombo na.....chajio. wikendi,
tuna.....malishizoni.....ngombe asubuhi.
Jioni, mimi na wazazi wangu tunakwenda kuogelea na
tuna.....kama saa mbili usika. Wakati mwingine huwa
nyumbani tukitazama.....Jumapili yote
tunaenda.....kuombo mungu.

SEHEMU B, UFAHAMU.

2. Soma na kujibu maswali ya fuatayo. (read and answer the following questions)

Ninaitwa Mackey Kulthum. Ninatoka jijini mbale ninasoma katika shule ya upili ya Chwa II katika eneo la Namungoona Kampala. Nyumbani kwetu tunafuga wanyama mbalimbali kama, ngombe, mbuzi, kondoo na ndege kama, kuku na bata. Ninaishi Kawempe katika wilaya ya kampala. Nyumbani, ninaishi na mama yangu, baba yangu, shangazi Amina na kaka Norman. Nyumbani, ninapenda ninapenda kufanya kazi mbalimbali, kwa mfano, kuosha vyombo, kupika chakula, kufagia nyumba, kupatia kuku chakula, pia kutunza watoto. Jumapili mimi na wazazi wangu.

Maswali (questions)

- a) Mackey anaishi wapi?
- b) Mackey anaishi na nani nyumbani?
- c) Andika kazi ambazo mackey hufanya akiwa nyumbani
- d) Ni wanyama gani na ndege mnaofuga nyumbani?
- e) Andika umuhimu wa wanyama hao na ndege mnaofuga nyumbani kwenu.

3. SEHEMU CH:M

Chagua jibu lililosahihi sana kwa kila swali. (choose and circle the most correct answer)

- i) Hizi ni sehemu/pande za Dira. (these are compass directions)
 - A. Kaskazini, mashariki, kusini na magharibi
 - B. Kaskazini, mashariki, kusini, na magharibi
 - C. Kaskazini, mashariki, kusini, na magharibi
 - D. Kaskazini, mashariki, kusini na ngariba.
- ii) Hawa ni wanyama wa nyumbani. (These are domestic animals)
 - A. Ngombe, simba, mbuzi, kondoo
 - B. Ngombe, simba, mbuzi, ngamia
 - C. Ngombe, nguruwe, mbuzi, kondoo
 - D. Ngombe, mbuzi, fisi, kondoo

iii) Hizi ni aina za mimea. (these are types of plants)

- A. Mwembe, mbuni, mharagwe, mvule.
- B. Viazi, mwembe, mvule, mbuni, kahawa.
- C. Mwembe, mvule, shamba, kahawa
- D. Mwembe, mbuni, mharagwe, mhindi.

iv) Huu ndio mpango wa siku za wiki kwa kalenda ya Kiswahili na kiarabu.(this is the order of days of the week according to Kiswahili and Arabic calendar)

- A. Jumamosi, Jumapili, Jumatatu, Jumanne, Jumatano, Athamisi, Jumaa.
- B. Jumatatu Jumanne, Jumatano, Alhamisi, Ijumaa, Jumamos, Jumapili.

SEHEMU D

Andika sentensi zifuatazo katika ngeli ya ki-vi kwa wingi.
(write the following sentences under noun class (ki-vi) in plural).

- a. Kitanda chenu kile si kidogo
- b. Kiti change hiki ni kizuri.
- c. Kikombe change kimevunjika.
- d. Kiatu chako ni kikubwa
- e. Chandaru chetu kimetoboka
- f. Kisu hiki ni kikali sana.

END