

# SECHEL HIGH SCHOOL

“CENTRE OF SCIENCE AND GLOBAL IMPACT”

## S.1 HOLIDAY ASSESSMENT, RESEARCH AND PROJECTS TERM TWO 2023

NAME: ..... CLASS.....

All work should be answered in the booklet and thus no additional answer sheets shall be marked.

**THE ANSWERED WORK SHOULD BE RETURNED FOR MARKING ON THE OPENING DAY OF TERM III 2023**

FOR EXAMINERS USE ONLY

SUBJECT	SCORE	EXAMINERS INITIALS

# ICT HOLIDAY WORK

1. Your school recently got a grant or fund from World Bank to install for them a new computer laboratory, they are proposing to come up with a facility that will help 100 students with in every lesson, they will make the lab to have both wireless and physical connections when accessing internet.

Task

- a) As an ICT expert, your head teacher has requested you to prepare for him a list of items is likely to receive from those people before they are delivered

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

Generate a write up of how each device will be used in the laboratory after their installation to facilitate the proper functionality of the place

.....

.....

.....

.....

.....

.....

.....

.....

.....

2. Upon your arrival at home, you were surprised to find your parent with various boxes containing a number of items which were labeled as Monitor, keyboard, Mouse, System unit HDMI, UPS, USB cable, (Printer-All in one), power cables, extension cable and ruled papers. Your father welcomes you very well and has hope in you to help him to connect those components in order to use them.

Task

a) Write a report to your father over the steps you will go through to help him connecting those devices for use

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

Explain to him the main use of the following devices when typing his letter

i)     Keyboard

.....

.....

.....

Mouse

.....

.....

.....

Printer –All in one

.....

.....

.....

Monitor

.....

.....

.....

S.1 students of SECHEL high school are preparing to go for a study tour where they will visit various places including the wild life. When they return back, they will be required to present to the whole school who did not go about their finding. Their teacher informed them that they should use ICTs to collect what they will present

Task

Explain the various ICTs they will be required to use when collecting the data from the places they will go

.....

.....

.....

.....

.....

.....

Students of S.4 had a text book and they wanted to have a copy for

everyone. One of the members informed them that the best way to do it is to get a soft copy of the book and they share it and all the members agreed to get a soft copy of the book.

#### Task

- i) By referring to devices you know that can be used to create softcopy, Explain the various ways through which they made the softcopy of the book to be shared by all the members

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

- ii) Generate a write up of the various means members used to get softcopy of their work

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

# HISTORY AND POLITICAL EDUCATION

## Attempt All Questions

1. In our different communities, we all belong to families of different kinds. Some small while others are big and this all begun many years ago

(A)



(B)



## ACTIVITY

Write down an essay to be published in the school magazine explaining

[illegible]

**SECHEL H**







### Activity

Discuss the different components of the different culture in East Africa

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

This image shows a full page of white paper with horizontal dashed lines, typical of primary school writing paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

2. Long ago, before the coming of the European missionaries and Muslims, Africans understood that there was God and gave him different names and worshiped him in different ways





# PHYSICAL EDUCATION

1. It advisable that everyone should learn and practice administering first aid since we are likely to get injuries when we are at home.

- a. Of what importance is giving first aid?

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

- b. What are the likely injuries that one can get when he falls off a tall mango tree?

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

2. When the school football team coach came to talk to the S.1 boys' team, he emphasized warming up and cooling down before and after every game if their team was to perform well in the upcoming interclass competitions. Why do you think it's important to perform warm up before a game?

Which activities can the S.1 boys include in their warm up?

You have been elected as the games prefect and you have requested

[illegible]

3. 4. Drowning is very common on water bodies of Uganda though most people are ignorant on how help the victims. Write a sensitization message which the people will use to manage victims of drowning.



5. S1 students are to attend an exhibition workshop of gymnastic skills

a. Come up with the skills which your members will present to attract the attention of the audience.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

b. How safely can your group carry out those skills

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

6. At SECHEL high school exercising is compulsory to every student every evening. Kato is a thin boy and he dislikes exercises and at times he dodges. How would you advise him?

.....

.....

.....

.....

.....

.....

.....

.....



7. In execution of some gymnastic skills there are some equipment one needs. point out some of them.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

END

# GEOGRAPHY

- **Attempt ALL questions.**
- **Answers should be written in the spaces provided.**

1. Identify and classify the features around your home area.

.....

.....

.....

.....

.....

.....

How can you advise someone who has completed high school to use the knowledge and skills acquired from geography to earn a living?

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

Center of science and global impact

.....

.....

.....

.....

.....

Using the knowledge and skills acquired in maps, draw a map showing the route from your home to the nearest market place.

2. You have visited some of your relatives in the village. You find out that the people in the village have various problems; There is shortage of water

Because the two wells from which they fetch water are dry. Most of the trees in the village and the hill slopes were cut down and used as wood fuel. There is severe soil erosion and soils are now infertile. The green grazing fields are now bare and dusty because domestic animals have over grazed the pasture. The only river that could be an alternative source of water is contaminated with waste water from nearby coffee factory and domestic animals.

## TASK,

Write a report to the chairman L.C.1 of not more than a page about the plans that can be used to regain /restore the land to its productivity.

This image shows a full page of primary-ruled paper. It features multiple rows of horizontal lines designed to guide handwriting. Each row consists of three lines: a solid top line, a dashed middle line, and a dotted bottom line. The rows are evenly spaced across the entire page, providing a template for practicing letter formation and alignment. There are no margins, text, or other markings on the paper.

This image shows a full page of white paper with horizontal dashed lines, typical of primary school writing paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

3. Think of four different ways how one can make use of the environment around him

4. Kato drew a map of his local area showing physical features and man-made features. The features however appeared smaller than their real size. Why do you think this happened?

.....

.....

.....

5. All human beings in Uganda including you and in different parts of the world move around places. Using the knowledge and skills acquired in maps, explain/ show how people are able to move around places.

.....

.....

.....

.....

.....

.....

.....

6. Assuming you have a friend of yours in **KABALE** and wants to study about the geography of Uganda. How would you advise this friend of yours in order to get information concerning the Geography of Uganda?

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

7. You have carried out field work around your school and collected information on a number of geographical aspects. Explain how you were

able to collect information while in the field.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

8. Assuming you are to carryout field work on a fish landing site. How do you expect to collect information on the following aspects?

a) Historical back ground of the fish landing site

.....

.....

9. Physical features around the fish landing site.

.....

.....

.....

10.A senior one student at Sechel high school stood on top of a hill and rotated his camera at an angle to capture the features below him. Using the knowledge and skills acquired on photographs, state the type of photograph that the student took.

.....

.....

.....

.....

.....

.....

11.Kafuuma’s family relocated from the temperate climate zone to the

tropical climate zone and they found out that temperatures are hot in the tropical climate zone. Using the knowledge and skills acquired from the chapter of the earth and its movements explain why hot temperatures are experienced in the tropical climate zone.

.....

.....

.....

.....

.....

.....

12. Using the knowledge and skills acquired from the chapter of the

Earth and its movements, explain what would happen if the earth stops rotating on its axis.

.....

.....

.....

.....

.....

13. Mafumu is at place M which is located  $45^\circ$  east of green wick. If the time at green wick is 7.00am, calculate the time at place M.

a) How many hours is place M from green wick?

.....

.....

.....

.....

.....

.....

14. A senior one student at Sechel high school studied and recorded the weather changes around his school on a particular day and found out the following i.e. cloudy, windy, rainy and cold. Using the knowledge and skills acquired on weather and climate, why do you think weather is recorded for a short period of time?

.....

.....

.....



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

15. Identify the things that were based on by the student in describing the weather above.

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

17. How are the things listed above called?

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

Page

21

# ENREPRENEURSHIP EDUCATION

- Attempt ALL questions.
- Answers should be written in the spaces provided.

## BUSINESS IDEAS AND BUSINESS OPPORTUNITIES.

1. Read the passage below and answer the questions that follow;

Nakyesanja village in Wakiso district has many youths without jobs, some are educated while others are not. Some of them are debating about starting up their own businesses but are discouraged by the rate at which businesses are failing within the first year of operation. They however appreciate that the way to go is starting up their own business.

## Task

- a) With a reason, identify different businesses the youth can start up.

.....

.....

.....

.....

.....

.....

- b) Advise the people of Nakyesanja village on what they can do to start up their own businesses.

.....

.....

.....

.....

.....

.....

What do you think are the possible sources where entrepreneurs of Nakyesanja village can get the business idea?

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

- c) As a student of Entrepreneurship Education, make a write up advising the people of Nakyesanja village on the qualities of a good business opportunity.

.....

.....

.....

.....

.....

- .....
- .....
- .....
- d) As a student of Entrepreneurship Education, make a write up advising the people of Nakyesanja village on how to select a good business idea.
- .....
- .....
- .....
- .....

## **E-BUSINESS/BUSINESS TECHNOLOGY.**

### **2. PASSAGE ABOUT MUSA E-BUSINESS IN KAWEMPE- KAMPALA**

Surprisingly at the age of 14years, Farouk has an E-BUSINESS which is found in Kawanda -Kampala. Farouk started this business after listening to the conversation which was between his mother and the uncle. The conversation was about the modern technology that it is going to be the way to go in some 5 years to come, said by the uncle. The uncle continued to say that even now; people have different types of E-Businesses they are operating for example online banking, online marketing ,mobile money transfers, E-tax, Visa cards and online studies(e-learning)among others. The uncle mentioned some of the benefits of starting an e-business which Farouk never wanted to disclose to us. In addition, the uncle also mentioned some of the challenges faced by an entrepreneur while using online business which Musa also never disclosed to us. Farouk's good listening skills enabled him to start "A MOBILE MONEY TRANSFER BUSINESS"

Questions;

- (a) Mention any five types of E- business Farouk's uncle mentioned in his conversation with Musa's mother
- .....
- .....
- .....
- .....
- .....
- .....
- .....
- .....

b) By using your general knowledge and entrepreneurship education information, what challenges do you think Farouk is encountering/ facing for engaging in an e-business?

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(C) How is E-business benefits the entrepreneur?

.....

.....

.....

.....

.....

.....

.....

.....

.....

(d) By basing on Farouk's passage/ case study, write a passage or case study on any one E-business found in your community. In that case study tell the owner of that business the benefits and the challenges of engaging in e-business.

.....

.....

.....

.....

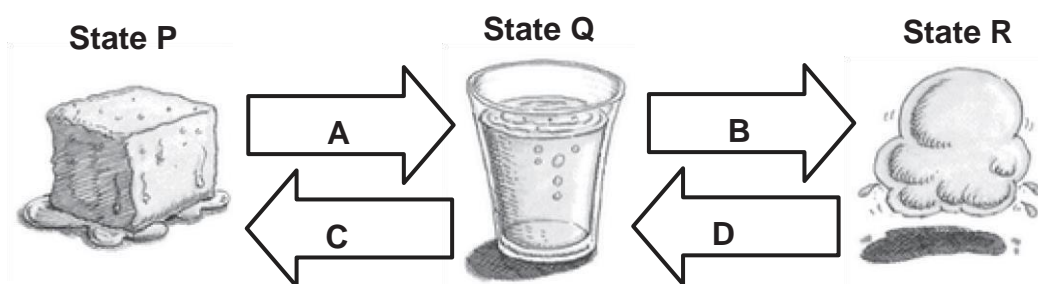
.....

**END**

# CHEMISTRY

- Attempt ALL questions
- Answer all questions in the space provided

1) Fig. 11.1 shows water in its 3 states, **P**, **Q** and **R**. **A**, **B**, **C** and **D** are processes that water undergoes to change its states



- a) State one process A, B, C or D which;  
i gives off heat energy **(1 mark)**

.....  
.....  
Absorbs heat **(1 mark)**

- .....  
.....  
b) Name the processes you have stated in (a) (i) **(2 marks)**

.....  
.....  
Draw the arrangement of the water particles when in states **P** and **R** in the respective boxes below. **(4 marks)**



**P**

**R**

- c) Explain the difference between states P and R in terms of the movement of the water particles **(2 marks)**

.....

.....

.....

Explain why water in state R does not have a fixed volume. **(1 mark)**

.....

.....

.....

- f) Ryan dries his wet clothes in the sun. Name the process that enables his wet clothes to dry **(1 mark)**

.....

.....

- 2) The picture below shows two boys performing an experiment in a Science laboratory.



a) State **two** safety rules they should have observed. **(2 marks)**

1 .....  
.....  
.....

2.....  
.....

In the laboratory, accurate measurement is very important. State the apparatus that would be best used for measuring the following. **(3 marks)**

Drops of liquid

.....  
.....

10 grams of sodium chloride

.....  
.....

30 cm<sup>3</sup> of water

.....  
.....

Solid mixture of common salt, iron filings and sand. Some properties of the substances are listed in the table below.

Substance	Appearance	solubility in water	attracted to magnet
common salt	tiny crystal	soluble	no
iron filings	dark grey powder	insoluble	yes
Sand	White solid	insoluble	no

Write the procedures to describe how you would obtain the dry common salt from the mixture.



.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

A teacher drops a small piece of grey metal into a glass jar of pale green gas. The grey solid burns with bright yellow flame giving some heat, and a white powder is produced. The white powder formed is the compound sodium chloride which is the table salt commonly used for cooking. The teacher tried to use any known physical method of separation to separate the sodium chloride into its elements but failed.

a) Define an *element* (1 mark)

.....

.....

.....

State the chemical symbols for the two elements present in sodium chloride. (2 marks)

.....

.....

.....

From the information above, suggest two pieces of evidence to show that sodium chloride is a compound. (2 marks)

.....

.....

.....

.....

.....

.....

.....

.....

5. In Uganda, air pollution is becoming a very big problem. As a chemistry student write a message to Ugandans sensitizing them on the causes of air pollution and ways, they can use to reduce air pollution.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

END

# PHYSICS

### **ACTIVITY 1**

*What is the fundamental unit of length used in Science?*

*Choose **one** from the list below:*

- Metre
- Centimetre
- Millimetre
- Kilometre

*Answer:* .....

### **ACTIVITY 2**

*For measuring length we can use items from the list below. Consider each and put a tick if correct or a cross if incorrect in the boxes provided.*

*A metre rule .....*

☐

*A Spring balance .....*

☐

*A measuring tape.....*

☐

*A beam balance .....*

☐

### **INVESTIGATION 1: Estimating and measuring height**



**For each investigation you will require the materials indicated.**

**You should record your answers in the space provided.**

**Materials needed:**

- A flat ruler and a measuring tape

**Method:**

(a) *Estimate(guess) your own height*

.....

*(Please include the unit)*

(b) *Now measure your height. For this, you may stand upright with your back against a wall. Place a ruler horizontally at head level. Get someone to mark on the wall just behind the ruler. Now measure the distance on the wall representing your height. You may use a measuring tape. Record the value.*

.....

*(Please include the unit)*

(c) *Now compare the answers in (a) and (b).*

*Is your estimated height close to the value obtained in (*

At this stage, I suggest you undertake another simple investigation. It concerns the measurement of length of some common items.

<i>Items</i>	<i>Mass (kg)</i>	Mass(g)

#### **ACTIVITY 4**

a) *Estimate the volume of your bed room. .*

.....

.....

.....

.....

.....

.....

(b) A room is 10m long, 8m wide and 4m high. What is the volume of the room?

.....

.....

.....

.....

.....

### **INVESTIGATION 2: Measuring specified lengths**

<p><b>For each investigation you will require the materials indicated.</b></p>	<p><b>Material:</b></p> <p>Measuring tape</p> <p><b>Method:</b></p> <p><i>Make measurements of the following and record each.</i></p> <p>(1) <i>The length of your left hand</i></p> <p>.....</p> <p>(2) <i>The length of your pencil</i></p> <p>.....</p> <p>(3) <i>The height of a door in the room where you are now</i></p> <p>.....</p>
<p><b>You should record your answers in the space provided.</b></p>	

- (4) For a selected rectangular table
- (a) Its length .....
- (b) Its width .....
- (c) Its height .....

## INVESTIGATION: MASS OF DIFFERENT ITEMS

***✎ Before proceeding further, complete the following activity.***

### ACTIVITY 3

- (a) How is the mass of a substance defined?  
.....  
.....
- (b) State the unit in which mass is expressed correctly.  
.....  
.....
- (c) Sketch a beam balance – like the one used in the shop – to measure different sugar.
- (d) Interact with a gateman at your home or at any other place and find out how temperature is measured and recorded using a temperature gun.



( What are your findings?)

.....

.....

.....

.....

**c)** Also request him to measure your temperature at four different parts of your body . Record the results

.....

.....

**d)** What is your average (mean) temperature?

.....

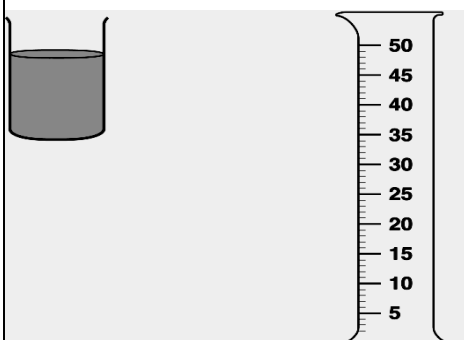
.....

**INVESTIGATION 5:** To make a beaker of (50cm<sup>3</sup>)

**For each investigation you will require the materials indicated.**

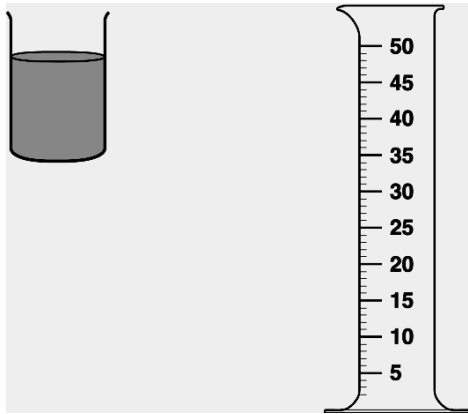
**Materials:**

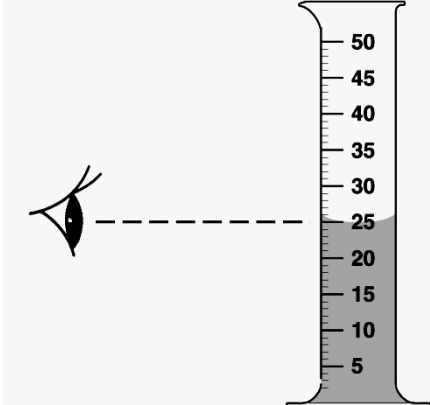
- A long glass or a light plastic cup
- A marker to make a scale on your beaker.



	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p><b>Method</b></p> <p>(i) <i>Get a glass or a light plastic cup.</i></p> <p>(ii) <i>Mark a scale on your glass as shown above.</i></p> <p>Note: You have to present your beaker to the teacher when the term begins.</p>
--	---

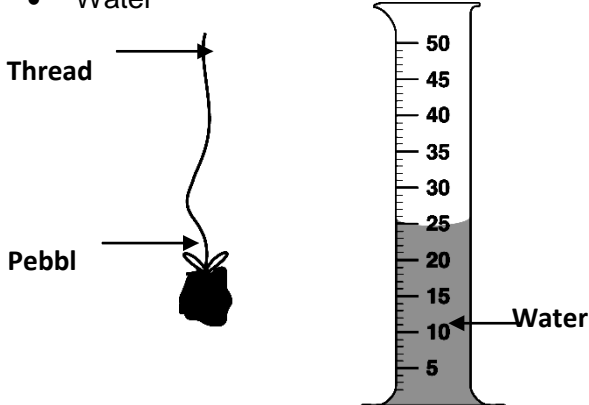
**INVESTIGATION 6:** To measure the volume of a liquid such as water which is contained in a partly filled glass.

<p><b>For each investigation you will require the materials indicated.</b></p>	<p><b>Materials:</b></p> <ul style="list-style-type: none"> <li>• A glass partly filled with water</li> <li>• A measuring cylinder (50cm<sup>3</sup>)</li> </ul> <div data-bbox="657 1411 1126 1823">  </div> <p><b>Method</b></p>
--	--

<p>You should record your answers in the space provided.</p>	<p>(i) Place the cylinder on the table.</p> <p>(iii) Pour the entire contents of the glass into the measuring cylinder.</p> <p>(iv) Position your eye in line with the meniscus (level of the liquid).</p> <p>(v) Note the reading and record it.</p> <p>_____ <math>\text{cm}^3</math></p> 
--	--

Let's now undertake the following simple investigation. It is about measuring the volume of a small pebble

**INVESTIGATION 7: To measure the volume of an irregular solid e.g. a small Pebble**

<p>For each investigation you will require the materials indicated.</p>	<p><b>Materials:</b></p> <ul style="list-style-type: none"> <li>• Small pebble</li> <li>• Piece of thread</li> <li>• Measuring cylinder (<math>50 \text{ cm}^3</math>)</li> <li>• Water</li> </ul>  <p><b>Method</b></p>
---	--

<p><b>You should record your answers in the space provided.</b></p>	<p>(a) <i>Attach a fairly long thread to the pebble as shown above</i></p> <p>(b) <i>Half fill the measuring cylinder with water. Record the initial volume.</i>  ..... (cm<sup>3</sup>)</p> <p>(c) <i>Lower the pebble in the cylinder (with the help of the thread) carefully until it is completely submerged. The level of water rises. Record the final volume.</i>  ..... (cm<sup>3</sup>)</p> <p><i>Work out the volume of the pebble..... (cm<sup>3</sup>)</i></p>
---	--

**INVESTIGATION 8:** To measure the time taken for you to walk up the stairs and return to the foot of the stairs.

<p><b>For each investigation you will require the materials indicated.</b></p> <p><b>You should record your answers in the space provided.</b></p>	<p><b>Material:</b></p> <ul style="list-style-type: none"> <li>• Stop watch or stop clock. Your brother or sister or anyone can help you, otherwise you can do it yourself</li> </ul> <p><b>Method:</b></p> <p><i>Start timing the moment you start to walk up the stairs. Note the time. When you're down, stop timing. Note and record the time interval.</i></p> <p>Finishing time =  .....</p> <p>Starting time =  .....</p> <p>Time taken =  .....</p> <p>Time taken in hours=  .....</p>
--	--

# MATHEMATICS

INSTRUCTIONS: Attempt **ALL** questions from **section A** and **section B**

## SECTION A

1. Express 2.3636363636 as an improper fraction in its simplest form.

2. Simplify;  $1\frac{1}{4} + \left( \frac{\frac{3}{4} \text{ of } 2\frac{1}{2}}{\frac{1}{6} \div \frac{1}{3}} \right)$

3. Divided 9200 mangoes among three students A, B, and C in the ratio 2:3:5 respectively.

How many does each get?

4. Find the lowest common multiple (LCM) and the largest common factor (LCF) of 54 and 84.

5.

≡

A

× C

× B

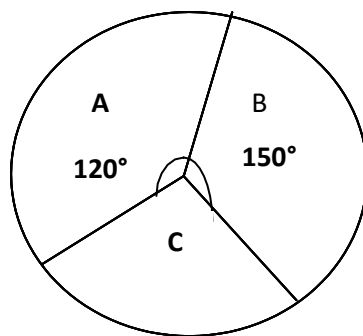
× D

From the graph above list down the coordinates of A, B, C and D

6. In a group 10 of people, 7 people speak English, 4 speak French and 2 speak neither of the two languages. How many people speak both languages?

7. Olga bought a motor cycle and sold it to Okello at a loss of 25%, if he sold it at sh.1, 200,000. Find how much money Olga paid for it.

8. The pie-chart below represents yields of beans from three fields A, B and C.



If the total yield of beans was 300 sacks, calculate the number of sacks got from field C.

### SECTION B

9. Using a pencil, a ruler and a pair of compasses only, construct a triangle ABC in which  $\overline{AB} = 5.2 \text{ cm}$ , angle  $CAB = 45^\circ$  and angle  $ABC = 75^\circ$ .



- a) Measure the length of  $\overline{AB}$ .
- b) Draw a circumscribing circle through the points A, B and C.
- c) Measure the radius of the circle.

10.(a) The value of a plot of land in Bombo town increases by 13% per annum. In January 2012 the plot was valued at 4 million shillings. What is the value of this plot in January 2013?

(b) Mr. Mabira went shopping for Easter and bought the following items:

ITEMS	QUANTITY IN KG	PRICE PER KG	AMOUNT
Meat	3 Kg	Shs. 4,000	Shs. ....
Rice	2 ½ Kg	Sh. ....	Shs. 5,000
Sugar	1½ Kg	Shs 20,000	Shs. ....
Tomatoes	..... Kg	Shs. 1,500	Shs. 3,000
		<b>Total</b>	.....

(i) Redraw the table and Complete it

(ii) If she was given a discount of 15%, how much money did he pay?

11. (a) At a class party, students were asked what drink they preferred, Coca cola (C) or Fanta (F). 34 preferred (C), 25 preferred (F) and 6 preferred none. If the party had 45 students.

(i) represent the above information on a Venn diagram

(ii) find the number of students who prefers both drinks (06 marks)

(c) Given that  $n(A \cap B') = 4$ ,  $n(A \cap B) = 5$ ,  $n(A' \cap B) = 6$  and  $n(\varepsilon) = 24$ ,

Represent the a above information on the Venn diagram and find

(i)  $n(A \cap B)$

(ii)  $n(A)$

(iii)  $n(A \cup B)$

A cyclist leaves place A on a bearing  $110^\circ$  moves 15km. Then he changed the course moving 18km on a bearing of  $055^\circ$  later he headed on a destination on a bearing of  $216^\circ$  For 30km. Using 1cm representing 3km, draw an accurate diagram to show the path of the cyclist.

a) How far is the cyclist from the starting point?

b) On what bearing is he from his starting point?

END

## C.R.E

- **Attempt ALL questions**
  - **Answers should be written in the spaces provided**
1. Read psalms 130:1-3 and prepare a prayer of repentance asking God for forgiveness.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

- 2 a. Identify 10 qualities of God.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

b. Research about the different names of God and their meanings in your society.

Society	Name of God	Meaning
Baganda		
Basoga		
Bakiga		
Banyankole		
Acholi		
Batooro		

3. Refer to Mathew 10: 1-4 and identify the 12 disciples of Jesus.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....





.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

4. Explore the different forms of worship in the Modern times.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

**END**

**FINE-ART THEORY**

- Attempt **ALL** numbers.

1(a). Define the term Art. (2mks)

.....

.....

.....

(b). Write short notes on the following terms.

(a). colour. (2mks)

.....

.....

.....

(b). Shape. (2mks)

.....

.....

.....

(c). Line. (2mks)

.....

.....

.....

(d). Texture. (2mks)

.....

.....

(e). Form. (2mks)

.....

.....

.....

2(a). Explain the term Graphic Design. (2mks)

.....

.....

.....

(b). List 5 materials and 5 tools used in Graphic Designing. (10mks)

.....

.....

.....

.....

.....

.....

.....

.....

3(a). Define the term Studio . (2mks)

.....

.....

.....  
(b).Give 5 ways of keeping an Art room clean. (5mks)

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

4. Give 10 reasons why we study Art in a secondary school. (10mks)

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

---

END

# ART (GRAPHICS DESIGN)

**Instruction:** Attempt only **one** question of your choice.

1. Sechel high school is planning to start a sister school called Sechel Junior primary school, Wakiso with box number 00001, located along Kampala Luwero Road. In an area of 18by 20cm design a suitable notice to inform the community about the new starting school

***Fine art space***



# ISLAMIC RELIGIOUS EDUCATION

Attempt **ALL** questions in Section A,

**SECTION A** – Fill in the blank spaces with the appropriate answers.

**A<sub>1</sub>**

1. Is the second part of Shahada.
2. Muslims directly worship God .....times a day.
3. The loud invitation to prayer is done by.....
4. The total purifying of one's whole body is known as.....
5. it's the of purification made with soil.
6. Every after Isha prayer in Ramathan, Muslims perform.....
7. is the second call for prayer.
8. Muslims give.....before performing Idd al-Adhuha.
9. is pillar number three on which Islam is based.
10. is the direction where Muslims face forswalah.

(10 marks)

**A<sub>2</sub>** *Tick the most correct alternative*

- |  |                               |                                |
|--|-------------------------------|--------------------------------|
| 11. A Muslim can observe fasting throughout the year.                | True <input type="checkbox"/> | False <input type="checkbox"/> |
| 12. Cleanliness is the basis of our worship.                         | True <input type="checkbox"/> | False <input type="checkbox"/> |
| 13. Suhr is the simple meal taken to break one's fasting.            | True <input type="checkbox"/> | False <input type="checkbox"/> |
| 14. Staying in the mosque for a period in Ramathan is called If tar. | True <input type="checkbox"/> | False <input type="checkbox"/> |

15. The fasting is nullified if one eats upon forgetting.      **True** ☐      **False** ☐
16. Zakat al-maal is given every month of Ramathan.      **True** ☐      **False** ☐
17. LailatulQudr is a special night in the month of DhulHijj.      **True** ☐      **False** ☐
18. Ramathan is the 9<sup>th</sup> month of the Islamic calendar.      **True** ☐      **False** ☐
19. Giving a genuine smile is an act of worship.      **True** ☐      **False** ☐
20. Overlooking to the sides cannot nullify ones prayer.      **True** ☐      **False** ☐

(10 marks)



21. Identify the circumstances for one to miss fasting. (05 marks)

- (a) .....
- (b) .....
- (c) .....
- (d) .....
- (e) .....

22. When is one's prayer nullified? (05 marks)

- (a) .....
- (b) .....
- (c) .....
- (d) .....
- (e) .....

23. In what ways do Muslim receivers of zakat benefit? (03 marks)

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

24. The month of Ramathan is very vital to the Muslims because; (02 marks)

- (i) .....
- (ii) .....

25. Identify three pillars of prayer to be respected by Muslims. (03 marks)

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

26. Who should give zakat basing on the teachings of Islam? (02 marks)

- (i) .....
- (ii) .....

## SECTION B

1. Farida is a new convert but very committed to her religious practices; take her

through the pillars of prayer.

(10 marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

2. As the new Imaam, how would you help the rich Muslims understand the categories of people whom you're going to distribute zakat collected from them. (10 marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

END

# LUGANDA

1. Mwami Busingye abadde omutuuze w'eMbarara mu Ankole kyajje esenguke okudda e Kazinga – Bweyogerere mu ssaza ly'eKyaddondo mu Buganda. Mwami Busingye ono bw'aba awandiika n'okwogera olulimi oluganda atawanyizibwa nnyo mu nkozesa yennukuta L ne R, GY ne JJ era tamanyi ddi lwebazikozesa mu kuwandiika era tamanyi namateeka gazifuga.

(a) Ggwe nga omuyizi w'olulimi oluganda, muyambeko omusomese ddi lwetweyambisa ennukuta ezo waggulu omulambike n'amateeka agazifuga.

L

(i) .....  
.....  
.....

(ii) .....  
.....  
.....

Amateeka agagifuga.

(iii) .....  
.....  
.....

(iv) .....  
.....

.....

R

(i) .....

.....

(ii) .....

.....

(iii) .....

.....

Amateeka agagifuga

(i) .....

.....

(ii) .....

.....

(iii) .....

.....

(iv) .....

.....

(v) .....

.....

(i) .....

.....

.....

(ii) .....

.....

(iii) .....

.....

(iv) .....

.....

JJ

(i) .....

.....

- (ii) .....
- .....
- (iii) .....
- .....
- (iv) .....
- .....
- (v) .....
- .....

2. Mukwano gwo gwowangaala naye ku kitundu azze anoonya e mirimu kyokka gikyamubuze, kukitundu kwemubeera kitundu kya kibuga era abantu bangi bakungaanirawo, omuwadde atandikewo omulimu gw'okufumba kubanga okufumba gwegumu ku mirimu egikolebwa abantu abenjawulo wano mu Buganda ne Uganda yonna okutwalira awamu, era guwadda abantu bangi emirimu omuli abakyala n'abaami nebasobola okuyimirizaawo obulamu bwabwe ne bakola ebubintu bingi ebizimba e Ggwanga nga bayita mumulimu ogwo. Mubika by'emmere ebifumbibwa mwemuli n'emmere ey'amatooke kyokka yye agamba nti emmere

ey'amatooke atenga yesinga okwettanirwa ennyo abantu mu kitundu ekyo tamanyi bwebagiteekateeka n'okugifumba.

(a) Munyonnyole engeri gyebateekateekamu emmere eyamatooke eyomulembe ennyige n'engeri gyefumbibwmu.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(b) Muwe engero ttaano ezikwaata kukufumba.

(i) .....

.....

.....

(ii) .....

.....

.....

(iii) .....

.....

.....

(iv) .....

.....

.....

(v) .....

.....

.....

---

END

# LITERATURE

**INSTRUCTIONS:** *All questions are compulsory.*

## **SECTION A (10 marks)**

Read the poem below and answer the questions that follow.

All but blind

All but blind

In his chambered hole,

Gropes for worms

The four-clawed Mole.

All but blind  
In the evening sky,  
The hooded Bat  
Twirls softly by.  
All but blind  
In the burning day  
The Barn owl blunders  
On her way.

And blind as are  
These three to me,  
So, blind to someone  
I must be.

By Walter de la Mare.

## Questions

1. How many stanzas does the poem have?

.....

2. Identify the rhyming words in the poem.

.....

3. Why does the writer repeat some words in the poem?

.....



.....

4. How many blind animals are mentioned in the poem?

.....

.....

5. Why is an owl called a blind bird?

.....

.....

6. Give the poem title and identify the poet.

### SECTION B

1. Define the following terms. (06 marks)

(a) Literature

.....

.....

(b) Oral literature

.....

.....

(c) Written literature

.....

.....

2. Give five examples of oral literature. (05 marks)

.....

.....

.....

.....

.....

.....

3. (a) Complete the following proverbs correctly. (05 marks)

- (i) A stitch in time .....
- (ii) An apple a day .....
- (iii) Early to bed early to rise .....
- (iv) Never judge a book .....
- (v) There is always light .....

(b) What is the importance of proverbs? (02 marks)

.....

.....

4. What are the importance of studying literature? (06 marks)

.....

.....

.....

.....

.....

Mention any myths that you know in your society. (06 marks)

.....

.....

.....

.....

.....

.....

END

# SKILLS HOLIDAY WORK

## SECTION A

1.Which one of the following stitches is used to neaten button holes?

- A. Back stitches
- B. Loop stitches
- C. Running stitches
- D. Hem stitches

2.Is the document given to a customer after paying cash for the garment that has been tailored.

- A. Invoice
- B. Delivery note
- C. Receipt
- D. Local purchase order

## SECTION B

3. Match each of following the tool or equipment with its function

Tools Or Equipment	Function
A. Thimble	1. For joining pieces of clothes together
B. Pin cushion	2. Holds the bottom sewing threads
C. Pinking shears	3. Protects the middle figure when sewing
D. Bobbin	4. For holding pins
	5. Neatens raw edges
	6. Winds threads

4. State five types of seams used in garment construction.

.....

.....

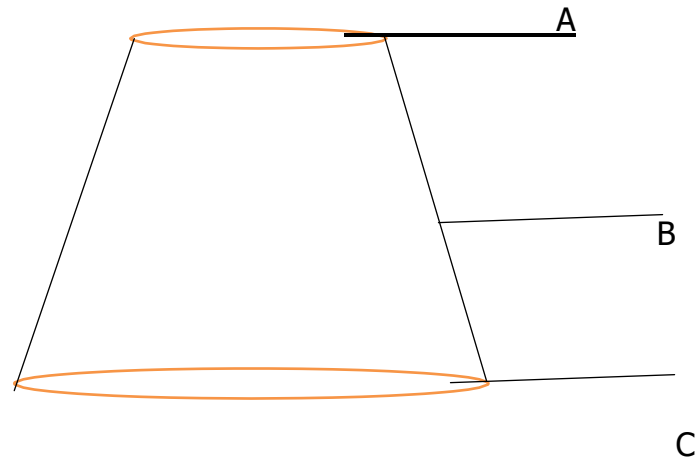
.....

.....

.....

.....

5.Name the parts of a round skirt



.....

.....

.....

.....

6. Give four methods used to repair garments

.....

.....

.....

.....

END

# ENGLISH LANGUAGE

## SECTION

First Day at School

NO.A

A million billion willion miles from home

Waiting for the bell to go.

Why are they all so big, other children?

So Noisy? So much at home they

Must have been born in Uniform.

Lived all their lives in playgrounds.

Spent the years inventing games

That don't let me in. Games

That are rough, that swallow you up.

( Roger Mc.Gough)

Questions.

1. How many verses does this poem?

.....

.

.....

.

2. \_\_\_\_\_ How many lines does this poem have?

3. Which words in the poem Rhyme?

.....

.....

.....

Which words do you think are made up by the poet?

---

---

---

Section B

b) Write a letter of one page telling a friend you were with at primary school about the environment?  
In the letter give how you preserve the environment in your new school.

[illegible]



SECTION C. Use a correct pronoun to fill in the blank spaces .A pronoun may be used more than once.

NO.C

1. "Does your grandmother speak kiswahili?"

"No, but ----- understands a little."

2. "Where did the visitors come from?"

"- ----- came from Mombasa."

3 is in Germany this month.

3. Ashok works quite a distance from here. Do you work nearer than -----?"

4. I don't think ----- are here today.

5. Mwelu and ----- left for Mombasa.

6. Moseti and ----- are the winners of the Male Artistes of the year coveted prize.

7. The teacher gave the students some homework ----- are doing it now.

8. Does ----- know how to knit a sweater.

9. Amina is standing next to ----- brother. She is taller than -----.

## Section D

NO.D

Unoka, the happy-go-lucky father

Unoka, for that was Okonkwo's father's name, had died ten years ago. In his day he was lazy and improvident and was quite incapable of thinking about tomorrow. If any money came his way, and it seldom did, he immediately bought gourds of palm wine, called round

his neighbors and made merry. He always said that whenever he saw a dead man's mouth he saw the folly of not eating what one had in one's lifetime. Unoka was of course, a debtor ,and he owed every neighbor some money, from a few cowries to quite substantial amounts.

He was tall but very thin and had a slight stoop. He wore a haggard and mournful look except when he was drinking or playing on his flute. He was very good on his flute, and his happiest moments were the two or three moons after the harvest when the village musicians brought down their instruments, hung above the fireplace. Unoka would play with them, his face beaming with blessedness and peace. Sometimes another village would ask Unoka's band and their dancingegwugwu to come and stay with them and teach them their tunes.

They would go to such hosts for as long as three or four markets, making music and feasting. Unoka loved the good fare and the good fellowship, and he loved this season of the year, when the rains had stopped and the sun rose every morning with dazzling beauty. And it was not too hot either, because the cold and dry harmattan wind was blowing down from the north. Some years the harmattan was very severe and a dense haze hung in the atmosphere. Old men and children would then sit round log fires, warming their bodies. Unoka loved it all, and he loved the first kites that returned with the dry season, and the children who sang songs of welcome to them. He would remember his own childhood, how he had often wandered around looking for a kite sailing leisurely against the blue sky. As soon as he found one he would sing with his whole being, welcoming it back from its long, longjourney, and asking it if it had brought home any lengths of cloth.

That was years ago, when he was young, Unoka ,the grown-up, was a failure .he was poor and his wife and children had barely enough to eat. People laughed at him because he was a loafer ,and they swore never to lend him anymore money because he never paid back. But Unoka was such a man that he always succeeded in borrowing more, and piling up his debts.

(Adapted from Things Fall APART BY Chinua Achebe)

## Questions

1. Whose father was Unoka?

---

2. There is something that Unoka thought was not very wise for a person to do. What was it?

---

3. Why do you think Unoka had a stoop?

---

---

---

4. What usually made Unoka very sad?

---

---

5. Which season did Unoka particularly like and why?

---

---

6. The harmattan always reminded Unoka about his childhood. What did he particularly remember about his childhood?

---

---

7. Use one word to describe the attitude of the other members of Unoka's community towards him.

---

8. Would you want Unoka to be your father or wouldn't you?

Give three reasons for your answer.

---

---

---

---

NO.E

**Punctuate the following passage correctly.**

One thursday early in the morning we set off for the station I wanted to know where we were going for I had not understood the directions given by uncle kiti the day before he was in the dining room having his breakfast where are we going uncle I asked my uncle was a member of parliament for bugula south in Kamuli district so he was always visiting his electorate don't mind Isaac this time we are travelling to mbulamuti by train the station was located in a part of town that was still a sleep and it looked more like a bus station than a railway station there were old fashioned wagon engines which reminded me of the third class carriages that our grandmother used to tell us about going gong gong gong fong a bell was rung to warn any belated travellers to hurry and the station guard blew his whistle the engine replied by a low groan and off went the train.

[illegible]

---

---

---

NO.F

Write the correct form of adjectives for the words in brackets.

1. These track shoes are (comfortable) than those.

---

2. The bar on the high jump is (low) than it was before.

---

3. Jim is a (careful) runner than Jack.

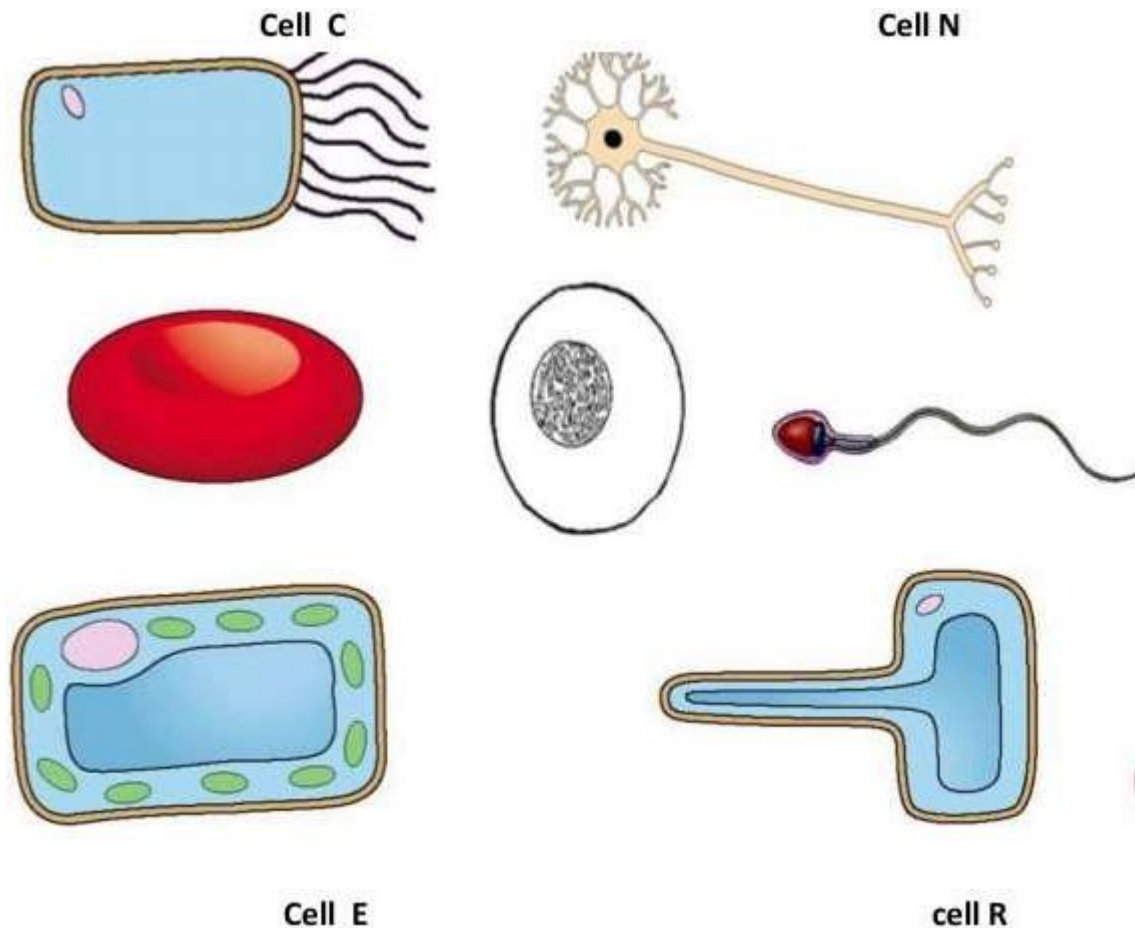
---

-----

4. Our team looked (cheerful) than their team.

# BIOLOGY

1. Multicellular organisms are made of many kinds of special cells called specialised cells.  
Below are different structures of specialised cells found in some multicellular organisms.



Use them and answer the questions that follow.

- (a) State what is meant by “specialised cell” (01 mark)

.....  
.....

- (b) Name the specialised cell labelled, (04 marks)

- (i) **C**.....  
(ii) **N**.....  
(iii) **E**.....  
(iv) **R**.....

- (c) From the diagrams above; state the adaptation of the of specialised cells to their functions.

(i) Cell **C** (02 marks)

.....

.....

.....

(ii) Cell **E** ( 02 marks)

.....

.....

.....

(d) State the function of cell **R** in man. (01 mark)

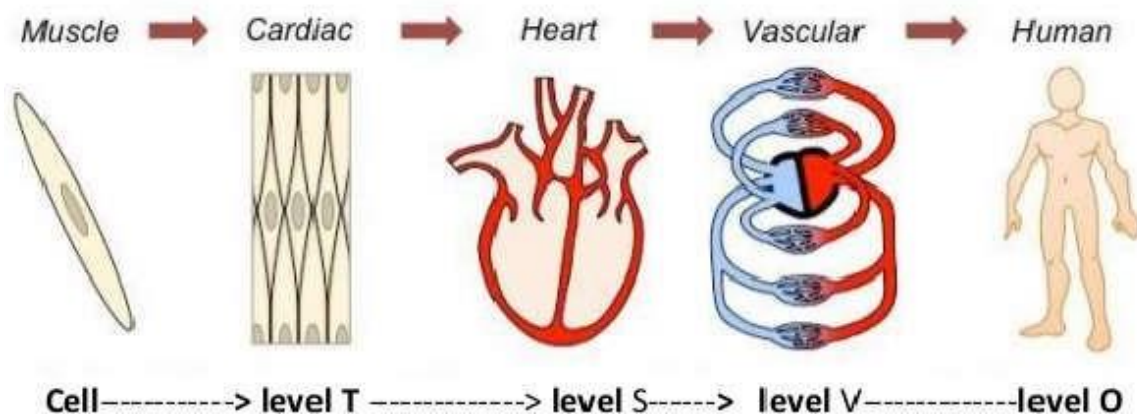
.....

.....

(e) Three specialised cells above are not labelled with letters. Identify and mark the specialised cell with a letter which corresponds to its name as given below. (3 marks)

- Egg cell (Ovum)..... **Z**
- Red blood cell..... **W**
- Sperm cell..... **M**

2. The life processes of the human body are maintained at several levels of structural Organisation. Below are diagrams showing different levels of Organisation in man. Use them and answer the questions that follow



(a) Name the labelled levels of structural Organisation in man, ( 04 marks)

(i) Level **T**.

.....

(ii) Level **S**.

.....  
(iii) Level **V**.

.....  
(iv) level **O**.

.....  
(b) State the function of the following in the human body. (02 marks)

(i) Muscle cell.  
.....  
.....

(ii) heart.  
.....  
.....

(c) Of what importance is the vascular structure belonging to level Y in man.  
(01 mark)

.....  
.....

3. (a) One S.1 student; Kawuma lost a key for his suit case one day after school visitation. His parents visited him and among packages was a loaf of tip top sweet bread. After a week; he broke the suit case only to find his bread appearing as in diagram below. Use the diagram to answer the questions that follow.





(i) What name is given to the organism that developed on Arafat's bread.

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

(01 mark)

(ii) State the kingdom to which the organism named in (i) belongs.

(01 mark)

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

(iii) State any two general features of all organisms belonging to the kingdom stated in (ii) above. (02 marks)

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

(iv) Draw a well labelled structure of the organism named in (i) above. (03 marks)

- (v) Name other two organisms that belong to the same kingdom as the organism named in (i) (02 marks)

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

- (vi) State other ways how some organisms belonging to the kingdom stated in (ii) are harmful to man. (02 mark)

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

- (b) Covering the breadth of fundamental and applied research involving unicellular and multicellular fungi, “fungal biology and biotechnology provides platform for industrial development which has greatly benefited man. “As a S.1 student who has studied fungal biology; in four ways, justify the above statement (04 mark)

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

4. A group of senior one students of Skyline Progressive Secondary school carried out the study about the characteristics of different types of plants. The plants included: **Mango plant (P)**, **Pine tree (Q)**, **Ferns (R)**, **Rice plant (S)** and **Mosses (T)**. The table below shows the characteristics of different parts of the plants that were studied. Study it carefully and use it to answer the questions that follow

Feature	Specimens				
	P	Q	R	S	T
<b>Bear flowers</b>	Bears flowers	Does not bear flowers	Bears seeds	Bears flowers	Does not bear flowers
<b>Leaf venation</b>	Leaves have network venation	Leaves but no venation	Leaves but no venation	Leaves with parallel venation	No true leaves

<b>Vascular bundles</b>	Has vascular bundles	Has vascular bundles	Has vascular bundles	Has vascular bundles	Lacks vascular bundles
<b>Bear Spores/ Seeds</b>	Bears seeds	Bears seeds	Bears spores	Bears seeds	Bears spores

- (a) Draw a flow chart from the table of characteristics/features given in the table above.  
(05Marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

**(b)** Use the flow chart to construct a dichotomous key that will identify the specimens P, Q, R, S and T. **(05Marks)**

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(c) With three reasons in each case, to which class does plant P and S belong? **(08Marks)**

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(d) Other than plant **P** and **S**, write two other examples of plants belonging to the same class **P** and **S** belong to? **(02Marks)**

.....

.....

.....

.....

.....

(e) Of the plants **P** and **Q** which of them is more adapted to survive or more advanced than the other? Why? **(03Marks)**

.....

.....

.....

.....

.....

.....

## This image shows a full page of white paper with horizontal dotted lines. The lines are evenly spaced and run across the entire width of the page, providing a guide for handwriting practice. There are no margins, text, or other markings on the page.

[illegible]

This image shows a full page of a document template designed for handwriting practice or general note-taking. It consists of approximately 28 evenly spaced horizontal dotted lines across the entire width of the page. The background is plain white, and there are no margins, headers, footers, or other markings present.





This image shows a full page of white paper with horizontal dotted lines, typical of primary school writing paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[illegible]

[illegible]

This image shows a full page of primary-ruled paper. It features multiple sets of horizontal dashed lines spaced evenly down the page, providing a guide for handwriting practice. The lines are light gray and extend across the entire width of the page. There are no margins, text, or other markings present.

[illegible]

This image shows a full page of white paper with horizontal dotted lines, typical of primary school writing paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[illegible]



This image shows a full page of a document template. It consists of approximately 28 evenly spaced horizontal dotted lines across the entire width of the page, providing a guide for handwriting or typing. The background is plain white, and there are no margins, headers, or footers visible.

END