**HARSHTON JUNIOR SCHOOL – MBALE**

**TERM ONE HOLIDAY PACKAGE-2023**

**PRIMARY SEVEN MATHEMATICS**

**Pupil’s Name: …………………………………………………………….**

|  |  |  |
| --- | --- | --- |
| **Qn. No.** | **MARKS** | **EXRS No.** |
| **1 – 5** |  |  |
| **6 – 10** |  |  |
| **11 – 15** |  |  |
| **16 – 20** |  |  |
| **21 – 22** |  |  |
| **23 – 24** |  |  |
| **25 – 26** |  |  |
| **27 – 28** |  |  |
| **29 – 30** |  |  |
| **31 – 32** |  |  |
| **TOTAL** |  |  |

**TURN OVER**

**Read the following instructions carefully:**

1. This paper has **two** sections **A** and **B**

Section A has **20** questions and Section **B** has **12** questions. The paper has 15 printed pages.

1. All the working for both sections A and B must be shown in the spaces provided.
2. All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than graphs and diagrams will **not** be marked.
3. **No calculators** are allowed in the examination room.
4. Unnecessary changes of work may lead to **loss** of marks.
5. Any **handwriting** that cannot easily be read may lead to loss of marks.
6. Do not fill anything in the boxes indicated: “**For examiners’ Use only”** and those inside the questions paper.

`

**SECTION A (40 MARKS)**

***Answer all questions in section A and each number carries 2 marks.***

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Work out: 20 ÷ 4 = | 2. | Write 749 in expanded form using values. |
| 3. | Using a pencil, a ruler and a pair of compasses only to construct an angle of 30° | 4. | Find the next number in the sequence below.  8, 5, 10, 7, \_\_\_\_\_\_\_\_ |
| 5. | Given that Set Q=  {factors of 5 between 6 and 9}  List down the elements in set Q. | 6. | Find the value of a: 4 + 2a = 6a |
| 7. | Workout:  + | 8. | Round off 489 to the nearest hundreds. |
| 9. | Convert 500grams into kgs. | 10. | Write 49 in roman Numerals. |
| 11. | A mathematics lesson started at 8:30am and ended at 9:10am. How long did the lesson last? | 12. | Agnes bought a mathematical set at shs. 2300 and later sold it at shs. 3000. How much profit did she get? |
| 13. | Simplify: -5 – -8= | 14. | The LCM of two numbers is 120 and the GCF is 10. If one of the numbers is 40. Find the other second number. |
| 15. | Add: 2 2 3five  + 1 2 2five | 16. | Study the figure below and answer the question that follows.  60°  2x x  Find the value of x. |
| 17. | Samuel bought 8 pens at sh. 7200. How much did he spend on a pen? | 18. | What is the value of 3 in the numeral 3562? |
| 19. | John tossed a die and a prime number showed up. Find the probability. | 20. | If = 6 pots. Draw pictures to represent 24 pots. |

**SECTION B (60 MARKS)**

***Marks for each question are indicated in the brackets.***

1. The figure represents two numbers which have been factories.

Fx  Fy

22 21 51

23 31

1. What is the value of x?
2. What is the value of y?
3. Find their HCF.
4. Find their LCM.
5. a) Simplify: 4t + 6k – t – 3k.
6. Solve: 2 (d – 3) = 4
7. All the 67 farmers in Kaberamaido district grow Cotton (C). in addition 39 grow Millet (M) and 48 grow Rice (R). P farmers grow both millet and rice while 6 grow neither millet nor rice.

n (∑) = 67

n(M) = 39 n(R) = 48

P

1. Represent this information on the venn diagram below **(3 marks)**
2. How many farmers grow all the three? **(2 marks)**
3. How many famers did not grow Rice? **(1 mark)**
4. a) Workout: Weeks Days **(2 marks)**

6 3

- 2 4

1. Convert 3 hours to minutes **(2 marks)**
2. Study the number line below and use it to answer questions that follow.

-7 -6 -5 -4 -3 -2 -1 0 +1 +2 +3 +4

1. Write the integers represented by the arrows. **(3 marks)**
2. a= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ii) b = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. c = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Write the mathematical statement shown above.
5. The age of each child at Babies home is recorded as below.

7, 4, 5, 7, 8, 2, 6, 9

1. Find the median age of the children. **( 2 marks)**
2. What is their modal age? **( 1 mark)**
3. Workout the mean age of the children. **(2 marks)**
4. The figure below is a cuboid. Use it to answer the questions that follow.

Find the number of vertices in the

**3cm**

figure. **(1 mark)**

**4cm**

**5cm**

1. How many edges 5cm each are in the figure? **(1 mark)**
2. Calculate the total surface area of the figure above. **(2 marks)**
3. Primary seven in Apele primary School has 60 pupils,  of the class are girls and the rest are boys.
4. What is the fraction of boys in the class? **(2 marks)**
5. How many girls are in P.7 class?  **(2 marks)**
6. How many more girls than boys are in the class?  **(2 marks)**
7. A man and a woman share a price of sh. 300,000 between them in the ratio of 1:4 respectively. The woman shares her part between herself, her mother and her daughter in the ratio 3:2:1 respectively.

How much did her mother receive? **(5 marks)**

1. The table below shows David’s expenditure after visiting a market. Study it and fill in the missing information. **(4 marks)**

|  |  |  |
| --- | --- | --- |
| **Item** | **Unit cost** | **Total cost** |
| \_\_\_\_\_\_\_\_\_\_ kg meat | Sh. 10,000 | Sh. 30,000 |
| 3 heaps of 5 tomatoes | Sh. 2000 | Sh. \_\_\_\_\_\_\_\_\_\_ |
| 500 grams of salt | Sh. 1000 per kg | Sh. \_\_\_\_\_\_\_\_\_\_ |
| **Total expenditure** | | Sh. \_\_\_\_\_\_\_\_\_\_\_ |

1. David used 2 bank notes each worth sh. 50,000 to pay for his bill.

Workout his balance

1. The figure below is a rectangle; use the given information to answer the questions that follow.

**(5x + 23) cm**

Workout an algebraic expression for the distance round the rectangle **(1 mark)**

**(3x – 11)** cm

**(7x + 9) cm**

1. Find the value of x. **(2 marks)**
2. Calculate the area of the rectangle. **(2 marks)**
3. **The travel graph below shows a journey made by a taxi from town R to town T via town S. use it to answer questions that follow.**

120

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  | **T** |
| 100 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 80 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 60 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 40 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **R**  0 | **9:00 am** |  | **10:00 am** |  | **11:00 am** |  | **12:00 noon** |  | **1:00 pm** |  | **2:00 pm** |

**8:00am**

|  |  |  |  |
| --- | --- | --- | --- |
| a) | At what time did the taxi start the journey? | b) | For how long did the taxi stay at town s? |
| c) | How far is town S from town T? | d) | Calculate the average speed of the taxi for the whole journey. |

**HARSHTON JUNIOR SCHOOL – MBALE**

**TERM ONE HOLIDAY PACKAGE 2023**

**PRIMARY SEVEN ENGLISH**

**DURATION: 2 HOURS 15 MINUTES.**

**Pupil’s Name: ……………………………………………………….**

**Read the following instructions carefully:**

1. This paper has two sections A and B

Section A has 40 questions and section B has 15 questions.

1. All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than graphs and diagrams will **not** be marked.
2. Unnecessary changes of work may lead to **loss** of marks.
3. Any **handwriting** that cannot easily be read may lead to loss of marks.
4. Do not fill anything in the boxes indicated: “**For examiners’ Use only”** and those inside the questions paper.

|  |  |  |
| --- | --- | --- |
| **Qn. No.** | **MARKS** | **EXRS No.** |
| **1 – 10** |  |  |
| **11 – 20** |  |  |
| **21 – 30** |  |  |
| **31 – 40** |  |  |
| **41 – 50** |  |  |
| **51 - 52** |  |  |
| **53- 54** |  |  |
| **55** |  |  |
| **TOTAL** |  |  |

**Turn over**

**SECTION A**

**SUB –SECTION I**

**For each of the numbers 1-5,fill the space with a suitable word.**

1. Peter has waited for this exam …………………………………………three weeks.
2. Having ……………………………………..down , my bicycle couldn’t move.
3. When the …………………………………….barked , the thieves ran away .
4. The swift flying bird hit ……………………………………on a white wall and died.
5. Kalanzi is the ………………………………….hardworking of the twins.

**In numbers 6\_ 15, fill each space with the correct form of word in brackets.**

1. The patient is ………………………………… in the corridor of the ward. **(lie).**
2. Mubiru was ………………………………..…………………….. by a termite. **(bite).**
3. Suleiman ……………………… his books in a torn bag all the time. **(carry).**
4. One of the………………………… near our school is a kind woman. **(bakery).**
5. All …………………………… lessons at school begin after break. **(remedy).**
6. The ………………………………………………… who went to Bwindi National Park were happy to see the animals . **(tour)**
7. Koma has scored for his team ……………….…………………this term.**(three).**
8. My teacher has liked the ……………….……………… of my composition. **(introduce).**
9. A friend of …………………………….………………. will send them a gift. **(them).**
10. Candidates who do their work with ………………….………... always get good marks. **(accurate).**

**In question 16-17, arrange the words in alphabetical order**.

1. turn, tore, tune, tour

………………………………………………………………………………………………….……………………………

1. disappear, disagree, disturb, disapprove

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

**For question 18-21, re-write the sentences giving the opposite of the underlined words.**

1. Peter **cleans** his room daily.

……………………………………………………………………………………………….………………………………

1. Examinations are **rarely** easy for candidates.

……………………………………………………………………………………….………………………………………

1. Animals have the right to live in **captivity.**

………………………………………………………………………………………………………………………………

1. Have you read the **front** cover page of the magazine?

………………………………………………………………………………………………………………………………

**In question 22-23 , use each of the words in your own sentences to show that you know their meaning:**

1. Piece

………………………………………………………………………………………..…………………………………………

1. Peace…

…………………………………………………………………………………………………………………………………

**For questions 24 – 25, give the full form of the given short forms.**

1. Feb: ..........................................................................................................
2. I’d: ……………………………………………………………………………………………………………..

**For numbers 26 – 27, re-write the sentences giving the plural of the underlined words;**

1. **My** home will be cleaned.

…………………………………………………………………………………………………………………………………

1. Which **day** of the week will be good for you?

………………………………………………………………………….………………………..……………………………

**In questions 28 – 30, re-write the sentence giving a single word for underlined group of words.**

1. **Men who lost their wives** find life difficult.

……………………………………………..………………………………………………………………………………….

1. That lady has just **used thread and needle to** make my dress.

…………………………………………………………………….…………………………………………………………

1. People who are **unable to remember easily** find studies difficult.

…………………………………………………………………………………………………………………………………..

**SUB-SECTION II**

1. You are very strong. You can carry this box.

**(Re-write as one sentence using …………….. enough …………….)**

……………………………………………………………………………………………………..…………………………

1. We were late but the teacher did not punish us.

**(Re- write the sentences using:…………….though ……………)**

…………………………………………………………………………………………………………………………………

1. Kantu is a carpenter .He is also a farmer.

**(Re-write as one sentence using :……………………….both ……………)**

…………………………………………………………………………………………………………………………………

1. The team won the match. The team manager prepared a party.

**(Re –write as one sentence using :…………………..because …………….)**

…………………………………………………………………………………………..……………………………………

1. Noel has sold a puppy.**(Re-write the sentence Beginning: A puppy ….)**

…………………………………………………………………………………………….……………………………………

1. Kando doesn`t repair vehicles. Kando doesn`t buy vehicles.

**(Re-write as one sentences using: neither ………………nor ……………..)**

……………………………………………………………………………………….…………………………………………

1. I am a hardworking pupil,……………………………………….?

**(Re –write the sentence and add a suitable tag)**

…………………………………………………………………………………………………………………………………

1. No sooner did my aunt enter the house than we all clapped.

**(Re –write sentence using:……………………..as soon as …………………………)**

…………………………………………………………………………………..…………………………………………….

1. Where are your reading glasses? They are green and nice.

**(Re-write as one sentence without using: and, which or that)**

……………………………………………………………………………………………………………………………

1. The fisherman net is very heavy.

**(Re-write the sentence using: How ………………………….)**

……………………………………………………………………………………………………………………………

1. The nurse received a gift. Her work was very good.

**( Re-write the sentence using :……………………………whose …………………)**

……………………………………………………………………………………………………………………………

1. “What can I do for you, peter?”Asked the seamstress.

**(Re – write the sentence without using quotation marks)**

……………………………………………………………………………………………………………………………

1. Children`s rights are very clear. There is still a lot of child labour.

**(Re-write one sentence using:……………………..much as ………………………)**

……………………………………………………………………………………………………………………………

1. The beans are ready for harvesting .The cassava is ready for harvesting.

**(Re-write as one sentence using:…………………and so ………………………..)**

……………………………………………………………………………………………………………………………

1. This county doesn`t have lazy men. It does not experience famine.

**(Re- write as one sentence using: If ……………………………………………..)**

……………………………………………………………………………………………………………………………

1. We must hurry so that we may not miss the bus.

**(Re-write the sentence using:…………..or else …………………………..)**

……………………………………………………………………………………………………………………………

1. This pen is more expensive than your pencil.

**(Re-write the sentence using : as ………………...as ……………………..)**

………………………………………………………………………………………………………………………..

1. I have bought a radio system of six laud speakers.

**(Re-write the sentences ending:……………………… radio system )**

……………………………………………………………………………………………………………………………

1. The lamp remained with very little kerosene. It gave out very dim light.

**(Re –write as one sentence using: The ……………….the …………………)**

……………………………………………………………………………………………………………………………

1. The prefect talked to the pupils. The teachers were attending a meeting.

**(Re- writing as one sentence using: As ……………………………………)**

……………………………………………………………………………………………………………………………

**SECTION B**

1. **Read the passage below carefully and in full sentence answer the questions**.

Barungi is in primary six. He goes to Bwingo Pimary School .His parents passed away last year in a fire accident. They had left a candle burning before they went to sleep. Luckily Barungi had gone to visit his aunt in Rugoobe Sub-county. It was there that he heard the sad news over Batagwenda Television. After the burial, there was no one to pay his fees. This caused him a lot of sadness.

But Barungi did not lose hope .His father had a bicycle. It was not destroyed during the fire accident. It had been kept at Kasozi `s home in the neighbourhood .His house had a stronger padlock .Barungi had got an idea. Near their home was a wealthy farmer. Barungi decided to buy milk and sell it to his teachers at school. Very soon he was able to pay for his fees. The people in the village are happy with him.

They have plans to help him build a better house before he joins senior one after next year .The head teacher of Barungi `s school has also promised to always pay for all the necessary repairs of the young man`s bicycle .Barungi has proved to everyone that he understand traffic rules .

**Questions:**

1. In which school is Barungi?

………………………………………………………………………………………………………………………

1. What caused the death of Barungi’s parent?

………………………………………………………………………………………………………………………

1. Where is Barungi’s aunt’s home?

………………………………………………………………………………………………………………………

1. Why couldn’t Barungi’s parents keep their bicycle at their home?

………………………………………………………………………………………………………………………

1. Who were Barungi’s milk customers?

………………………………………………………………………………………………………………………

1. How do the people in Barungi’s village plan to assist him?

………………………………………………………………………………………………………………………

1. Why do you think the head teacher is pleased with Barungi?

…………………………………………………………………………………………………..……………………

**In question h –I, give a word or group of words that has the same meaning as the given words.**

1. Passed away …………………………………………………………………………………………
2. Wealthy ……………………………………………………………………………………………….
3. Suggest a suitable title to the passage?

………………………………………………………………………………………………………………

1. **Study it carefully and in full sentences answer the questions that follow.**

Every 10th June, Mr. Kika holds a family meeting. They have time to know one another. This year the function took place at his home in Sambaya sub-county. Below is the programme he gave to Nzasiima the MC.

**Programme for the family meeting.**

|  |  |
| --- | --- |
| **Time** | **activity** |
| 9:00a.m | Arranging the seats |
| 9:45am | Decorating the venue |
| 10:15am | Arrival and registration of grand parents |
| 10:30am | Arrival and registration of in-laws |
| 11:10am | Arrival of head – of – clan and prayer |
| 11:30am | Welcome speech by the host |
| 11:45am | Introduction of members by the clan head |
| 1:00pm | lunch |
| 2:00pm | Entertainment |
| 3:00pm | Departure |

**Key: M.C- Master of ceremonies**

**Questions:**

1. When did this function take place?

………………………………………………………………………………………………………………………

1. Where was the venue of this function?

………………………………………………………………………………………………………………………

1. What was the purpose of this function?

………………………………………………………………………………………………………………………

1. At what time was the meeting place made beautiful?

………………………………………………………………………………………………………………………

1. What did the in-law do after they had arrived?

………………………………………………………………………………………………………………………

1. Why couldn’t the prayer take place before 11: 00a.m?

………………………………………………………………………………………………………………………

1. Who was the host?

………………………………………………………………………………………………………………………

1. Who carried out the main activity of the day?

………………………………………………………………………………………………………………………

1. At what time were people to go back to their homes?

………………………………………………………………………………………………………………………

1. Why do you think Nzasiima was important at this ceremony?

………………………………………………………………………………………………………………………

1. **The sentences below are in a wrong order. Re-write them correctly to form a composition about “The Debate”**
2. This would give them enough time for preparations.
3. By ten o’clock, the debate had started.
4. The P.6 at St. John’s school class organized to have a debate with St. Mary’s school.
5. The class monitor then wrote a letter to the Debate mistress of the school.
6. They asked their teacher to propose the date.
7. In that letter, the date and the motion were communicated.
8. On the real day, the visiting school arrived at eight in the morning.
9. It was agreed to be on 17th July, 2016.
10. He also requested them to reply soon.
11. It was to take place at their school.
12. ……………………………………………………………………………………………………………………
13. …………………………………………………………………………………………………………………
14. …………………………………………………………………………………………………………………
15. …………………………………………………………………………………………………………………
16. …………………………………………………………………………………………………………………
17. …………………………………………………………………………………………………………………
18. …………………………………………………………………………………………………………………
19. …………………………………………………………………………………….……………………………
20. …………………………………………………………………………………………………………………
21. ……………………………………………………………………………………………………………………….
22. **Read the poem below and answer questions in full sentences.**

**LAW OF THE JUNGLE**

Man has decided

He’ll defend wild animals

And care very little

About fellow human beings

Crazy ………………………… crazy!

For killing the innocent monkey

In that protected game reserve,

You get three years

Imprisonment

With hard labour.

But the innocent monkey

Ate my crops in my small garden,

It destroyed the little I had

To feed my wife and twelve

Children

Right …………………….. Right!

Why didn`t you report

That monkey to the authorities?

Who gave you permission to kill?

That innocent monkey?

What ……………………….. What?

And who gave that monkey

Permission to eat my maize?

Did you. My judge, did you?

True ………………………… true!

For arguing with the judge

In this court of law

You get additional sentences,

Two plus three equals five

You’ll rot in prison for five years.

**Willie Zingani**

**Questions:**

1. What is the poem about?

………………………………………………………………………………………………………………

1. What has man decided?

……………………………………………………………………………………………………………..

1. Why does the poet think this is crazy?

…………………………………………………………………………………………………………….

1. What is the sentence in a court of law for killing a protected monkey?

………………………………………………………………………………………………………………

1. What did the accused say the monkey had done?

………………………………………………………………………………………………………………..

1. How many children has the accused got?

……………………………………………………………………………………………………………….

1. How many more years does the judge give the accused?

………………………………………………………………………………………………………………

1. Why does the judge increase the sentence?

………………………………………………………………………………………………………………..

1. Give another word to mean “rot”.

………………………………………………………………………………………………………………..

Who is the poet?

……………………………………………………………………………………………………………...

1. **Last Holidays you visited your friend in fort portal. Write a letter to him thanking him for accepting you to visit and the good things he did for you. Tell him how you are preparing for the Mid- term exams. Ask him to send you some work for revision. Promise to invite him to your birthday party .Use your own address.**

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..…….

**HARSHTON JUNIOR SCHOOL – MBALE**

**TERM ONE HOLIDAY PACKAGE -2023**

**PRIMARY SEVEN SOCIAL STUDIES**

**Pupil’s Name: ……………………………………………………….**

**Read the following instructions carefully:**

1. This paper has two sections A and B

Section A has 40 questions and section B has 15 questions.

1. All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than graphs and diagrams will **not** be marked.
2. Unnecessary changes of work may lead to **loss** of marks.
3. Any **handwriting** that cannot easily be read may lead to loss of marks.
4. Do not fill anything in the boxes indicated: “**For examiners’ Use only”** and those inside the questions paper.

|  |  |  |
| --- | --- | --- |
| **Qn. No.** | **MARKS** | **EXRS No.** |
| **1 – 10** |  |  |
| **11 – 20** |  |  |
| **21 – 30** |  |  |
| **31 – 40** |  |  |
| **41 – 50** |  |  |
| **51 - 52** |  |  |
| **53- 54** |  |  |
| **55** |  |  |
| **TOTAL** |  |  |

**Turn over**

**SECTION A**

1. Name the element of weather that helps to dry harvested seeds.

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Identify the type of natural vegetation that grows in equatorial climatic regions.

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. In which **one** way are the Karimojong similar to the Turkana?

…………………………………………………………………………………………………………………………………………………………………………………….…………………………………………………………

1. How is a lollipop person important to school children?

…………………………………………………………………………………………………………………………………………………………………….…………………………………………………………………………

1. Name the island country in Africa whose capital city in Praia.

……………………………………………………………………………………………………………………………………………………………………….………………………………………………………………………

1. State any **one** reason why rainfall is measured in millimeters.

………………………………………………………………………………………………………………………………………………………………….……………………………………………………………………………

1. Give the meaning of the term national population census.

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. In which **one** way is the government of Uganda trying to solve the problem of locust invasion?

…………………………………………………………………………………………………………………………………………………………………………………………………….…………………………………………

1. Write down any **one** characteristic of air in motion.

………………………………………………………………………………………………………………………………………………………………………………………………………….……………………………………

1. How did Rwanda and Burundi become members of the current East African community?

……………………………………………………………………………………………………………………………………………………………………………………………..………………………………………………

1. Mention any **one** way in which Mt. Rwenzori is politically important to Uganda.

……………………………………………………………………………………………………………………………………………………………….………………………………………………………………………………

1. State the role of persons below 18 years in preventing violation of their rights.

……………………………………………………………………………………………………………………………………………………………………….………………………………………………………………………

1. Identify any **one** river in Africa that ends in a delta form.

………………………………………….....................................................................................................................................................……………………………………………………

1. Name the British commissioner to Uganda who signed the 1900 Buganda Agreement on behalf of the British government.

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Mention the earliest inhabitants of the East African region.

……………………………………………………………………………………………………………………………………………………………………….………………………………………………………………………

1. Identify any **one** example of beasts of burden.

………………………………………………………………………………………………………………………………………………………………………….……………………………………………………………………

1. How is a mountain important in the formation of relief rainfall?

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. What term is used to mean the period when the sun is over head the tropic of cancer?

………………………………………………………………………………………………………………………………………………………………………………….……………………………………………………………

1. Write down the main occupation of the ethnic group of people who migrated from Cameroon highlands in central Africa.

………………………………………………………………………………………………………………………………………………………………………….……………………………………………………………………

1. Suggest any **one** traditional way of locating places apart from using the position of the sun.

………………………………………………………………………………………………………………………………………………………………………….……………………………………………………………………

1. Besides explorers, identify any **one** other group of European foreigners who came to Africa.

……………………………………………………………………………………………………………………………………………………………………………….………………………………………………………………

1. In which **one** way is the police helpful to people in your district.

……………………………………………………………………………………………………………………………………………………………………….………………………………………………………………………

**Use the diagram below to answer questions 23 and 24**

a

N

1. Name the point of a compass direction marked with letter a.

………………………………………………………………………………………………………………………

1. How helpful is the above element of a map to a map reader?

………………………………………………………………………………………………………………………………………………………………………………………………………….……………………………………

1. Mention the arm of a democratic government headed by the chief Justice in Uganda.

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Identify any **one** country in Africa that was not colonized.

…………………………………………………………………………………………………………………………………………………………………………….…………………………………………………………………

1. How is John Mugango important to the current East African community?

………………………………………………………………………………………………………………………………………………………….……………………………………………………………………………………

1. Give the meaning of the term **“Great Trek**”

…………………………………………………………………………………………………………………………………………………………………………….…………………………………………………………………

1. State the man-made feature that connects the red sea to the Mediterranean Sea.

……………………………………………………………………………………………………………………………………………………………………………………….………………………………………………………

1. Name the product that is got from lime stones.

……………………………………………………………………………………………………………………………………………………………………….………………………………………………………………………

1. In which continent is your school found?

………………………………………………………………………………………………………………………………………………………………….……………………………………………………………………………

1. Identify the traditional cash crop that is largely grown in west Nile region in Uganda.

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. What is a community?

……………………………………………….………………………………………………………………………

…………………………………………….…………………………………………………………………………

1. Suggest any **one** way in which people in rural areas are important to people in urban areas.

………………………………………………………………………………………………………………………………………………………………………….……………………………………………………………………

1. Why is the floor of the rift valley hot?

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

**FOR QUESTIONS 36 TO 40, ANSWER EITHER CHRISTIANITY OR ISLAM BUT NOT BOTH.**

1. **EITHER:** Name the book in the Holy Bible that talks about the

story of creation.

…………………………………………………………..………………………………………

**OR:** Name the Surat in the Holy Quran that talks about the story of creation.

…………………………………………………………..………………………………………

1. **EITHER**: Identify the sacrament that enables one to become a

member of the church.

…………………………………………………………..………………………………………

**OR:** Identify the pillar that enables one to become a

Moslem.

…………………………………………………………..………………………………………

1. **EITHER** Give any **one** reason why the Jews hated Jesus Christ.

…………………………………………………………..………………………………………

**OR:** Give any **one** reason why Meccan pagans hated Prophet

Muhammad. **(S.A.W)**

…………………………………………………………..………………………………………

1. **EITHER:** What term is used to mean the twelve chosen

followers of Jesus Christ?

…………………………………………………………..………………………………………

**OR:** What term is used to mean the successors of Prophet

Muhammad?

…………………………………………………………..………………………………………

1. **EITHER:** State any **one** reason why Christians visit Namugongo

Martyrs shrine.

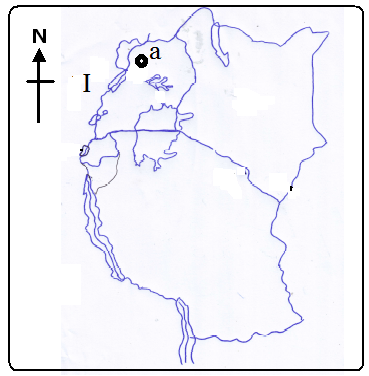
…………………………………………………………..………………………………………

**OR:** State any **one** reason why Muslims perform Hijja.

…………………………………………………………..………………………………………

**SECTION B**

1. **Study the sketch map below and answer questions that follow.**



1. Name the ethnic group of people that entered East Africa through area marked I.

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

1. Which group of people first settled at place marked a on the map before spreading to other areas?

………………………………………………………………………………………………………………………………………………………………..…………………………………………………………………..

1. Identify the origin of the group of people that first settled at place a.

……………………………………………………………………………………………………………………………………………………………………..……………………………………………………………..

1. Name the legend that led to the separation of the group of people in (b) above.

…………………………………………………………………………………………………………………………………………………………………..………………………………………………………………..

1. a) Identify the state that was formed beyond the Vaal River in South Africa as a result of the Great Trek.

…………………………………………………………………………………………………………………………………………………………………………………………..………………………………………………….

1. State any **one** mineral discovered by the Boers as a result of the Great Trek in;
2. Kimberly.

* ……………………………………………………………………………………………………
* ……………………………………………………………………………………………………

1. Wit waters rand.

* …………………………………….………………………………………………………………
* ………………………………….…………………………………………………………………

1. Mention any **one** factor that led to the Great Trek in South Africa.

…………………………………………………………………………………………………………………..

1. a) Name the water passage that separates Africa from Europe.

……………………………………………………………………………………………………………………….

1. Identify the continent in the world which is crossed by the three major lines of latitudes.

……………………………………………………..……………………………………………………………

1. Write down the region in the African continent where South Sudan is located.

……………………………………………………………..……………………………………………………

1. Why is Antarctica not inhabited by people

…………………………………………………………………………………………………………………

1. a) Give the meaning of the term time zone.

…………………………………………………………………………………………….………………………………………………………………………………………………………………………………………………….

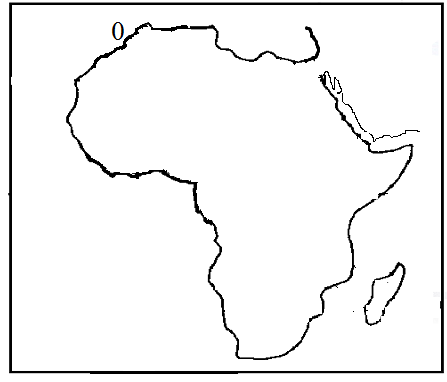
1. It is 4:00pm GMT, What time is it in a place 75°W?
2. Why is Uganda ahead of Rwanda by 1 hour?

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. **Match the types of climate in list A to their description in list B correctly**.

|  |  |
| --- | --- |
| **List A** | **List B** |
| Tropical  Equatorial  Temperate  Mediterranean | * Warm wet summers. * Hot dry summers. * Hot and wet. * Hot and wet throughout the year. |

1. Tropical: ………………………………………………………………………………
2. Equatorial: ………………………………….……………………………………………
3. Temperate: ……………………………………….………………………………………
4. Mediterranean: ……………………………………….………………………………………
5. **Study the sketch map of Africa carefully and answer questions that follow.**



1. Name the town marked with letter P on the map.

…………………………………………………………………………………………………………………

1. Name the water channel marked with letter X.

………………………………………………………………………………………………………………………………………….………………………………………………………………………………………..

1. Name the line marked:
2. 23N

………………………………………………………………………………………………………

1. 23S.

………………………………………………………………………………………………………..

1. a) Write EAC in full?

………………………………………………………….……………………………………………………………

1. Identify the organ of the EAC that approves the EAC budget.

…………………………………………………………………………………………………………………………………………………………………….………………………………………………………………

1. Apart from Uganda, Kenya, Tanganyika, State any other member state of the East African High Commission of 1948.

…………………………………………….…………………………………………………………………….

…………………………………………………………………………………………………………………..

1. How has the EAC helped to promote trade in the East African region?

…………………………………………………………………………………………………………………………………………………………………..………………………………………………………………..

1. a) Name the body in Uganda that is responsible for carrying out election activities.

…………………………………………………………………………………………………………………………………………………………………….…………………………………………………………………………

1. State the reason why persons under the age of 18 years are not allowed to vote.

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………...…

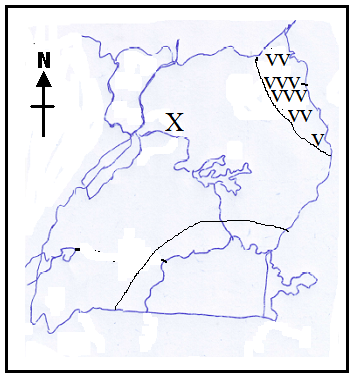
1. Identify any **two** bad practices during elections in your country.
2. ………………………………………….………………………………………………………………
3. ………………………………………………………………………………………………………….
4. a) How is transport different from communication?

……………………………………………………………………………………………………………………………………………………………………………….………………………………………………………………

1. Identify any **two** types of transport apart from air transport, water transport and road transport.
2. …………………………………………………………………………………………………………
3. ………………………………………….……………………………………………………………….
4. State the department of police that helps promote road transport in Uganda.

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………........

1. **Use the sketch map of Uganda below and answer questions that follow.**



1. Give any **two** reasons why the area is densely populated.
2. ………………………………………………………………………………..…………………………
3. ……………………………………………………………….………………………………………….
4. Identify the main economic activity carried out in the area marked vvv on the map.

……………………………………………………………….…………………………………………………….

1. Name the mouth of the river marked with letter X.

…………………………………………………………….……………………………………………………….

**FOR QUESTIONS 51 TO 55, ANSWER EITHER CHRISTIANITY OR ISLAM BUT NOT BOTH.**

1. **EITHER:** a) Give the meaning of the word Christianity.

……………………………………………………………………………………………………………………………………………………………………………………………………………………….………………………

1. Identify the founder of Christianity according to the Bible.

………………..……………………………………………………………………………………………………………………………………..…………………………………………….…………………………………

1. State any **two** qualities of a good Christian.
2. ………………………………………………………………….………………………………………
3. ………………………………………………………………….………………………………………

**OR:** a) Give the meaning of the word Islam.

…………………………………………………………………………………………………………………………………………………………………………………………………………………………….…………………

1. Identify the first Prophet in Islam.

……………………………………………………………………..………………………………………………

1. State any **two** qualities of a good Muslim.
2. ………………………………………...………………………………………………………………
3. ……………………………………………………….…………………………………………………
4. **EITHER:** a) Identify any **two** sacraments in Christianity apart from confirmation and Holy matrimony.

……………………………………………….………………………………………………………………………

1. In which **one** way are the following sacraments important:
2. Confirmation:

…………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Holy matrimony:

………………………………………………………………………………………………………………………..………………………………..………………………………………………………………

**OR:** a) Identify any **two** pillars in Islam apart from Shahadat and Hijja.

1. ……………………………………..…………………………………………………………………
2. ………………………………………………………………………………………………………
3. In which **one** way are the following pillars important:
4. Shahadat:

…………………………………………………………………………………………………………………………..………………………..……………………………………………………………………

1. Hijja:

………………………………………………………………………………………………………………………..………………………………………………………………………………………………..

1. **EITHER:** Match the following Angels with their responsibilities correctly.

|  |  |
| --- | --- |
| **ANGLES** | **RESPONSIBILITY** |
| Gabriel  Michael  Raphael  Azrael | Angel of healing.  Angel of death.  In charge of messages.  Angel of miracles and royalty. |

1. Gabriel: …………………………………………………………………………………………
2. Michael: …………………………………………………………………………………………
3. Raphael: …………………………………………………………………………………………
4. Azrael: …………………………………………………………………………………………

**OR:** **Match the following Angels with their responsibilities.**

|  |  |
| --- | --- |
| **ANGELS** | **RESPONSIBILITY** |
| Atid  Israfeel  Izraeel  Rakeeb | Blowing the trumpet.  Recording good deeds.  Recording bad deeds.  In-charge of death. |

1. Atid: …………………………………………………………………………………………
2. Israfeel: ……………………………….………………………………………………………..
3. Izraeel: ………………………….……………………………………………………………..
4. Rakeeb: ………………….……………………………………………………………………..
5. **EITHER:** Write short notes on the following Prophets of God.
6. Elijah: …………………………………………………………………………………………………..

………………………………………………..………………………………………………...

……………………………………………………………………….………………………….

1. Isaiah: …………………………………………………………………………………………………..

…………………………………………………………………………………………………………………………………………………………………………………………………………

1. Amos: ………………………………………….……………………………………………………….

…………………………………………………………………………………………………………………………………………………………………………………………………………

1. Jonah: ……………………………………………………………………………………………………

……………………………………………………………………………………………………………………………………….……………………………………………………………….

OR: Write short notes on the following prophets of Allah.

1. Ayyub: …………………………………………………………………………………………………..

…………………………………………………………………………………………………………………………………………………………………………………………………………

1. Musa: …………………………………………………………………………………………………..

…………………………………………………………………………………………………………………………………………………………………………………………………………

1. Ibrahim:…………………………………………………………………………………………………

…………………………………………………………………………………………………………………………………………………………………………………………………………

1. Muhammad: ………………………………………………………………………………..………….

……………………………………………………………………………….……………………………………………….……………………………………………………………………

1. **FOR BOTH:**
2. State any **two** similarities in beliefs between Christians and Muslims.
3. ………………………………..………………………………………………………………………
4. ………………………………………………………………………………………………………..
5. Identify any **two** differences in practices between Christians and Muslims.
6. …………………………………………………………………………………
7. ………………………………………………………………………………….

**HARSHTON JUNIOR SCHOOL – MBALE**

**TERM ONE HOLIDAY PACKAGE *2023***

**PRIMARY SEVEN *INTEGRATED SCIENCE***

**Pupil’s Name: ………………………………………………………………….**

**Read the following instructions carefully:**

1. This paper has two sections A and B

Section A has 40 questions and section B has 15 questions.

1. All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than graphs and diagrams will **not** be marked.
2. Unnecessary changes of work may lead to **loss** of marks.
3. Any **handwriting** that cannot easily be read may lead to loss of marks.
4. Do not fill anything in the boxes indicated: “**For examiners’ Use only”** and those inside the questions paper.

|  |  |  |
| --- | --- | --- |
| **Qn. No.** | **MARKS** | **EXRS No.** |
| **1 – 10** |  |  |
| **11 – 20** |  |  |
| **21 – 30** |  |  |
| **31 – 40** |  |  |
| **41 – 50** |  |  |
| **51 - 52** |  |  |
| **53- 54** |  |  |
| **55** |  |  |
| **TOTAL** |  |  |

**Turn over**

**SECTION A:**

1. Name the best food for a three months old baby.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How are birds similar to mammals?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Why do plants absorb water from the soil?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Name **one** animal product used in a cloth making industry.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How does the clearing of bushes around the home control malaria?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Give **one** characteristic of air that passes through the ventilators.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Which class of food is used in the production of body cells?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is volume of sound?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Give **one** example of a rodent.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How is an incisor teeth adapted to biting?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Why would you take pulmonary vein to be a special vein?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Give **one** way how a person can be infested by tapeworms.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How does a sheep benefit from the docking practice?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. State the property of air used when filling a car tyre with air.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How does Kirabo a P.3 pupil benefit from trees growing in the compound at her home?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Mention the importance of a switch in an electric circuit.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Which form of energy does man use to cook food?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18. In the space below, draw a foot of a swimming bird.

1. Of what use is the nectar collected by bees from different flowers?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Why is a tick regarded as a parasite to goats?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What role is played by white blood cells in one’s body?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Point out one indicator of malnutrition in babies.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How useful is a tendon in the muscular skeletal system?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Two people were given an equal amount of fermented and distilled alcohol to drink. Who of the two is likely to get more effects?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Give a reason for your answer in (24) above.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Below is a mouthpart of a bird. Use it to answer question 26 and 27.**

1. Describe the characteristic of the beak shown.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Give **one** example of a bird with such a beak.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Why doesn’t clay soil drain water easily?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What happens to sound waves when they fall on hard object?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Name the part of a seed that develops into a seedling.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How best can babies be protected against tuberculosis?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. State **one** advantage of rats in a home where cats are reared.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Why should non renewable resources be used sparingly?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. In what part of an alimentary canal are villi found?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How does regular physical exercises reduce body weight?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Write HIV in full.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Why does the tea in a metallic cup cool faster than that in a plastic cup?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Give **one** danger of using charcoal for cooking to the environment.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is respiration?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How are fish able to survive in a water environment?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Section B

41(a) Name **one** product got from poultry.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) State **one** danger of using free range method in poultry rearing.

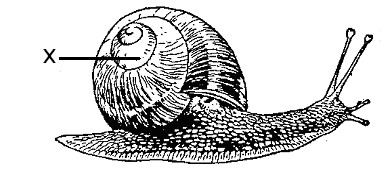
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) Identify **one** example of poultry vice.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) How can farmers control the poultry vice identified in (C) above?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The diagram below is of a fresh water snail. Use it to answer questions about it.

42(a) How is part labelled X useful to the above animal?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) To what group of invertebrates does the animal belong?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) How does the animal reproduce?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) How is the above animal a danger to human health?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

43(a) What is PHC?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) What element of PHC can be promoted through brushing teeth?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) Identify **two** activities that are carried out in a home to promote PHC.

(i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(ii)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

44(a)What is interdependence in the environment?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) Give **one** way plants depend on non living things.

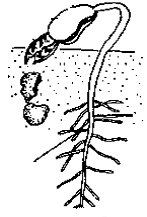
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) How is soil useful to animals?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) In which way are producers important in the food chain?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**The diagram below is of a germinating seed. Use it to answer questions about.**

45(a) Name the type of germination shown.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) Give a reason for your answer in (a) above.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) Identify the type of root system developed in the diagram.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) What type of seed is shown in the diagram?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

46(a) What is conduction?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) How is conduction useful in a home?

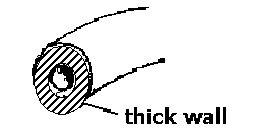
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (c) Give **one** example of a good conductor of heat.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) Why is wood used on the handle of an iron box?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

47. **The diagram below is of a blood vessel.**



(a) Name the type of blood vessel above.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) Why does it have thick walls?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) How is the blood vessel shown in the diagram useful in the body?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) Why does blood flow through the lungs?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

48. Match the words in list A to that in list B.

**List A List B**

Tsetse flies - Elephantiasis

Black fly - Sleeping sickness

Culex mosquito - Bubonic plague

Fleas - River blindness

(a) Tsetse flies: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) Black fly: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) Culex mosquito: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) Fleas: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

49(a) James was burnt by hot water. What type of injury did he sustain?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) What first aid is suitable for such an injury?

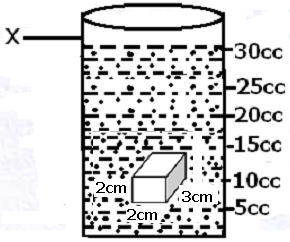
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) Give a reason why James should be given first aid.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) State **one** way how such accidents can be prevented at home.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

50. The experiment below was carried out by a P.5 class. Use it to answer questions about it.

**Second level**

**First level**

(a) Name the apparatus marked x.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) Why did the metallic cube sink to the bottom?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) Why did the water rise?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) Calculate the original level of the water.

51(a) Name the body organ that makes use of sound energy.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) How does a drum produce sound?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) Identify one method used for storing sound produced by the drum.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) Of what importance are the three semi-circular canals in the ear?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

52(a) Name any **one** pest that attacks crops in the garden.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) How can a farmer control the pest named in (a) above?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) State two ways in which pests are a danger to crops.

(i)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(ii)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

53(a) Name the method used to produce alcohol of high concentration.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) Mention **one** source of sugar used in the making of alcohol.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

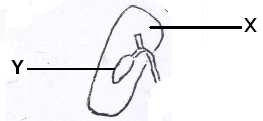
(c) How is excessive drinking of alcohol dangerous to an individual?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) Mention **one** law on alcohol use.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Use the diagram of the liver below to answer questions 54.**



54(a) Name part marked Y.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) State the importance of the substance contained in Y.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) How is part marked X useful during food digestion?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) Where does food go after digestion?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

55(a) What is photosynthesis?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) Name **one** raw material plants use for photosynthesis.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) How is photosynthesis useful to Mr. Kiprotich who is an athlete?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) Why can’t plants carry out photosynthesis at night?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**\*\*\*\*\*\*\* END \*\*\*\*\*\*\***