



HILLSIDE PRIMARY SCHOOL  
PRE-REGISTRATION EXAMINATIONS  
2024  
ENGLISH (SET THREE)

*Time Allowed: 2 Hours 15 Minutes*

NAME.....

STREAM..... DATE.....

**Read the following instructions carefully**

1. The paper has **two** sections: **A** and **B**.
2. Answer **all** questions. All answers to both sections **A** and **B** must be written in the spaces provided.
3. All answers must be written using a blue or black ball-point pen or fountain pen.
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 boxes indicated: "**For Examiners' Use Only**" and those inside the paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1-10		
11-20		
21-30		
31-40		
41-50		
51		
52		
53		
54		
55		
<b>TOTAL</b>		

## **SECTION A**

### **Sub-Section I**

**Questions 1 to 50 carry one mark each**

*In each of the questions 1 to 5, fill in the correct space with a correct word.*

1. The ..... did not repair my taxi in time.
2. I am not..... Ugandan although I live there.
3. The pedestrians should cross the road at the .....
4. Neither Jane ..... Joshua used a motorcycle.
5. There hardly ..... sugar in the bowl.

*In questions 6 to 15, use the correct form of the words in the brackets to complete the sentences.*

6. The police officer .....settled the argument between the two men. (peaceful)
7. The murderer was .....last night. (arrest)
8. One of the ..... has not got a seat. (visit)
9. A cobra is .....than any other reptile. (poison)
10. Of the two boys, Kenneth is the ..... (kind)
11. Our head teacher's .....was very brief. (speak)
12. My elder sister ..... arranged her room. (tidy)
13. Tinna missed the prize due to her ..... (shy)
14. The seamstress used her scissors to cut all the ..... (tablecloth)
15. Kamoga answered all the questions ..... (good)

*In the questions 16 and 17, use the given words in a sentence to show that you understand the difference in their meaning.*

16. live

.....  
.....

17. leave

.....  
.....

*In questions 18 and 19, re-arrange the words to form a correct sentence.*

18. be when held will the debate?

.....  
.....

19. my to car the taken i garage have.

.....  
.....

*In the questions 20 and 21, write the plural form of the words given.*

20. Mouse trap .....

21. Ox plough .....

*In each of the questions 22 to 24, re-write the sentences giving the opposite of the underlined words.*

22. The roads in our village are rough and slippery.

.....  
.....

23. The arrival time for the train was 5:00am.

.....  
.....

24. The butcher's is closed.

.....  
.....

In each of the questions 25 to 26, arrange the given words in alphabetical order.

25. drama, music, costumes, actor

.....  
.....

26. wreath, weaken, woke, worse

.....  
.....

In questions 27 and 28, write the given abbreviations in full.

27. PS .....

28. Tel. .....

In questions 29-30, re-write the sentences giving a single word for the underlined group of words.

29. Peter likes playing football to volleyball.

.....  
.....

30. The police rushed out as soon as they saw the criminal.

.....  
.....

## Sub-Section II

*In each of the questions 31 to 50, re-write the sentence as instructed in brackets.*

31. Thieves are a threat to people in my community.

(Re-write the sentence beginning: A thief .....

.....  
.....

32. There goes a traffic officer. My father talked to him last week.

(Re-write the sentence using: .....to whom.....)

.....  
.....

33. David will attend lessons if he comes to school early.

(Re-write the sentence using: .....came.....)

.....  
.....

34. Primary Six pupils may go on a tour this Monday.

(Re-write the sentence using: .....might.....)

.....  
.....

35. Nankya is a very hardworking girl. She performs well in all examinations.

(Re-write as one sentence using: .....so.....that.....)

.....  
.....

36. The opposer stood before the audience. He did not say any work.

(Re-write and begin: Although.....)

.....  
.....

37. Maria prefers eating chapatti to pan cakes.  
(Re-write the sentence using: .....likes.....)

.....  
.....

38. We reached the railway station at midday. (Re-write using: ....arrive....)

.....  
.....

39. You will not see the doctor if you don't make an appointment with him.  
(Re-write the sentence beginning: Unless.....)

.....  
.....

40. The careless driver caused an accident. He was very drunk.  
(Join the sentences beginning: As.....)

.....  
.....

41. The shopkeeper did not sell all the books. The vendor did not sell all the books. (Re-write as one sentence beginning: Neither .....

.....  
.....

42. This is the bicycle. The mechanic repaired it yesterday.  
(Re-write the sentence using: .....which.....)

.....  
.....

43. I wonder why tom didn't come to school on tuesday.  
(Punctuate the sentence correctly)

.....  
.....

44. Our friend works in an internet café.(Re-write beginning: A friend.....)

.....  
.....

45. Peter is very young. He cannot go to school alone.

(Re-write the sentence using: .....enough.....)

.....  
.....

46. Drivers may signal before turning left or right.

(Re-write using: .....must.....)

.....  
.....

47. The school boys stopped immediately they reached a busy road.

(Re-write the sentence using: .....as soon as.....)

.....  
.....

48. "I do not propose the motion," Namuli said.

(Re-write beginning: Namuli said that.....)

.....  
.....

49. Opedo takes care of his children, doesn't he?

(Re-write the sentence ending: .....does he?)

.....  
.....

50. A stitch in time..... (Complete this proverb correctly)

.....  
.....

## SECTION B

(Questions 51 to 55 carry 10 marks each.)

51. Read the passage below carefully and answer questions in a full correct sentence.

Okongo is a renowned chicken vendor in Obalanga village in Amuria district. He sells both cocks and hens.

During school time, he takes them to Achowa market on Saturdays and during holidays, he takes them to the same market on Tuesdays and Thursdays on a bicycle. He usually carries his goods in baskets.

Last Saturday, he returned home a very miserable person. This time he had not tied the only two chickens properly.

Along the busy road on the way to the market, both chickens flew from the basket and crossed the road. They were knocked by a speeding car. He felt sad because he had lost fifty thousand shillings which he was going to get from the sale.

### Questions

1. In which village does Okongo stay?

.....  
.....

2. What does Okongo sell?

.....  
.....

3. By which means does Okongo take the birds to the market?

.....  
.....

4. Why did Okongo return home miserably last Saturday?

.....  
.....

5. As a vendor, what does Okongo deal in?

.....  
.....

6. How many chickens did Okongo sell last Saturday?

.....  
.....

7. How much do you think Okongo's chicken cost?

.....  
.....

8. How does he usually carry his chickens?

.....  
.....

9. Give a word or group of words to mean the same as the following as in the passage.

a) miserable .....

b) renowned .....

**52. Read the poem below and answer the questions about it in full sentences.**

The road,  
The collecting place for all vehicles,  
Cars, buses and trailers, bicycles and motorcycles  
Where road users struggle for space,  
And pedestrians right in the mix.

The road,  
Decorated with zebra crossings,  
In order to allow safe-crossing of the busy roads,  
Also decorated with traffic lights,  
To control the flow of traffic at junctions.

The road,  
Where traffic police officers try to help,  
Arresting reckless drivers and other bad road users,  
Who fail to follow the Highway Code  
As a measure to reduce road accidents

The road,  
Killer of innocent people if misused,  
Perishing in road accidents day in, day out,  
The injured trapped in wrecks at accident scenes,  
What a tragedy!

**-Wycliff Jone**

**1. What is the road decorated with?**

.....  
.....

**2. By whom was the above poem composed?**

.....  
.....

**3. Where do vehicles meet?**

.....  
.....

**4. Mention any one example of road users mentioned in the poem.**

.....  
.....

**5. How do traffic police officers help?**

.....  
.....

**6. Why do pedestrians use zebra crossings?**

.....  
.....

**7. How many stanzas does the poem have?**

.....  
.....

**8. According to the poem, when do people perish in road accidents?**

.....  
.....

**9. Give a word or words to mean “reckless” as used in the poem.**

.....

**10. Where are casualties trapped?**

.....  
.....

53. Read the notice below and answer, in full sentences, the questions that follow.

**Katwe School of the Deaf,  
P.O. Box 9876,  
Kasese**

All pupils with term 1 school fees balances are hereby asked to remind their parents to make the school fees payments in order to avoid disrupting the course of learning.

Those who fail to do so will not be allowed into class with effect from 15th February, 2022. They will also risk missing the end of term examination.

**HEAD TEACHER**

25/01/2022

**Questions**

1. What is the notice about?

.....  
.....

2. Who wrote the notice above?

.....  
.....

3. What was the deadline for pupils who have not cleared school fees?

.....  
.....

4. According to the notice, what were the parents asked to do?

.....  
.....

5. For which term is the school fees intended?

.....  
.....

6. When was the notice written?

.....  
.....

7. What advice do you give to the parents mentioned in the notice?

.....  
.....

8. Why should these parents clear their children's school fees in time?

.....  
.....

9. What may happen to pupils whose school fees will not be paid?

.....  
.....

10. Where do you think this school is situated?

.....  
.....

54. The sentences below are in wrong order. Rearrange them to form a meaningful story.

- a) Suubi was delighted to see many cars.
  - b) First he showed her how to cross the road safely.
  - c) They walked on the right side of the road.
  - d) They then left for town.
  - e) By looking in the right, then left and the right again.
  - f) Secondly he told her to walk along the side path.
  - g) Before setting off, he told her about being careful on the road.
  - h) She could only cross when there were no vehicles nearby.
  - i) This made them able to see oncoming vehicles.
  - j) It was on Saturday morning when Suubi and her Dad planned to go to town.
- .....  
.....  
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.....

55. Use the words from the list below to complete the composition the follows.

reducing,	injuries,	carelessly,	carefully,	pavement,
avoiding,	P.6 pupils,	accidents,	safe,	occurs

### SAFETY ON THE ROADS

Roads have become the most dangerous places leading to many deaths in this country. To school children, crossing the road..... could be very dangerous because of the high possibility of road ..... When an accident ....., one may sustain ..... or wounds. This is why..... in our school have been taught the different ways of keeping.....on the road; ways that involve crossing the roads....., using the side paths or .....and .....playing on the road. If these solutions and others are followed, they will help us a lot in .....the number of road accidents around us.

**END**



# HILLSIDE PRIMARY SCHOOL-NAALYA

## PRE REGISTRATION EXAMINATIONS SET III

### 2024

### SOCIAL STUDIES WITH RELIGIOUS EDUCATION

*Time Allowed: 2 Hours 15 Minutes*

NAME.....

STREAM.....

**Read the following instructions carefully**

1. The paper has **two sections: A and B**.
2. All the working for both sections **A and B** must be shown in the spaces provided.
3. All working must be done using a blue or black ball-point pen or fountain pen. Diagrams must be drawn in pencil.
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 boxes indicated: "**For Examiners' Use Only**" and those inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1-10		
11-20		
21-30		
31-40		
41-43		
44-46		
47-48		
49-51		
52-53		
54-55		
Total		

## **SECTION A (40 MARKS)**

1. Which country does Uganda border to the East?

.....

2. Name any one tribe in East Africa that rears large herds of cattle as a culture

.....

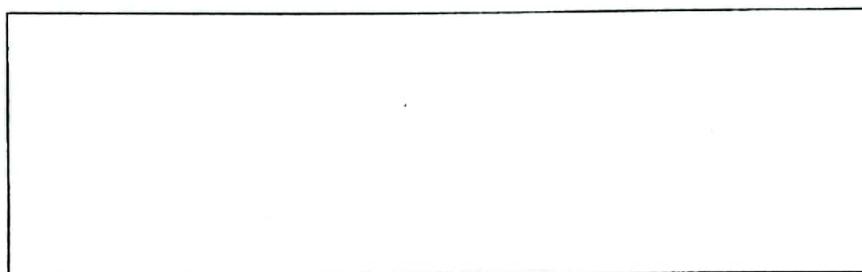
3. Give any one economic importance of water bodies to people.

.....

4. Which police department controls traffic?

.....

5. Draw the map symbol of a dam in the space below.



6. Name the major tourist attraction found in Kidepo Valley National Park.

.....

7. State one social contribution of the Bachwezi to the development of Uganda.

.....

8. Name the modern farming method that involves artificial supply of water to crops

.....

9. State the reason why tourism is called an industry.

.....

10. How is a Stevenson screen important at a weather station?  
.....
11. Give any one way missionaries negatively affected Uganda.  
.....
12. Why is the means of transport below suitable for carrying perishable goods over long distances?



13. Who was the first Ugandan to represent Western Uganda in LEGCO?  
.....
14. Give any one importance of protecting historical sites in a country.  
.....
15. State any one basic need of people.  
.....
16. Why is 9<sup>th</sup> October celebrated every year in Uganda?  
.....
17. Name one mineral that is mined in the Osukuru hills in Tororo.  
.....
18. Write any one challenge faced by countries without sea ports.  
.....
19. How important are lines of latitude and longitude in map reading?  
.....

20. Give any one reason why IBEACO was formed.

.....

21. What is the importance of a wall clock in a classroom?

.....

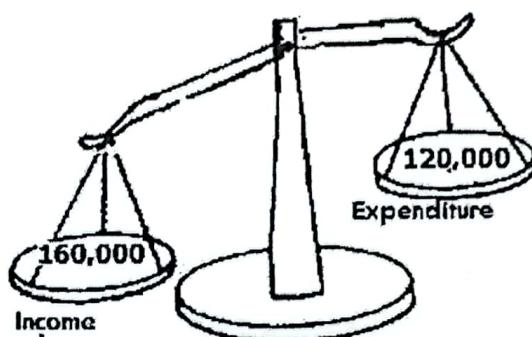
22. Who was the first British commissioner of Uganda?

.....

23. Name the physical feature that is commonly affected by landslides.

.....

24. What type of budget has been illustrated in the diagram below?



.....

25. State any one role played by commercial banks in Uganda.

.....

26. Why do soldiers put on a uniform while doing their work?

.....

27. State any one way the Ugandans negatively reacted towards the colonial rule.

.....

28. Give any one disadvantage of creating more districts in Uganda.

29. Why is subsistence farming commonly practiced in Uganda?

.....

30. How important was the Royal Geographical Society to the early European explorers?

.....

31. Give one way good roads promote tourism.

.....

32. What title is given to the head of security in a district?

.....

33. How does plantation farming support the growth of ago-based industries in East Africa?

.....

34. Give the importance of a zebra crossing on a busy road.

.....

35. State the reason why Uganda does not have a national language.

.....

**For questions 36-40, answer EITHER Christian OR Islamic but NOT both.**

36. Either: Who was the earthly father of Jesus?

.....

Or: Who was the earthly father of Prophet Muhammad?

.....

37. Either: What name is given to the first four books in the New Testament?

.....

Or: Which is the shortest Surah in the Quran with only three verses?

38. **Either:** Mention any one way through which Abraham demonstrated his faith in God?

.....

**Or:** Mention any one way through which Ibrahim demonstrated his faith in Allah?

.....

39. **Either:** According to the Apostles' Creed, who will come to judge the living and the dead?

.....

**Or:** Which angel will blow the trumpet on the last day of judgement?

.....

40. **Either:** Who is a friend?

.....

**Or:** Who is a friend?

.....

### SECTION B (60 MARKS)

41. a) Which vegetation zone is found at the coast of East Africa?

.....

b) State any two characteristics of trees found dry areas of East Africa.

i) .....

ii) .....

c) How does natural vegetation support the health sector?

.....

42. a) Who led the first group of Arabs into Uganda?

.....

b) State any two economic contributions of the Arabs in East Africa

i) .....

ii) .....

c) Why were some Africans not happy with the coming of the Arabs?

.....

**43. Complete the table below by filling in the correct answers**

Ethnic group	Tribe
Bantu	
Highland Nilotes	
	Langi
	Bahima

**44. a) Mention any one rift valley lake in Uganda**

.....

b) State any two characteristics of rift valley lakes

(i) .....

(ii) .....

c) How do lakes promote the transport sector of a country?

.....

**45. a) What type of climate is experienced in areas along the equator?**

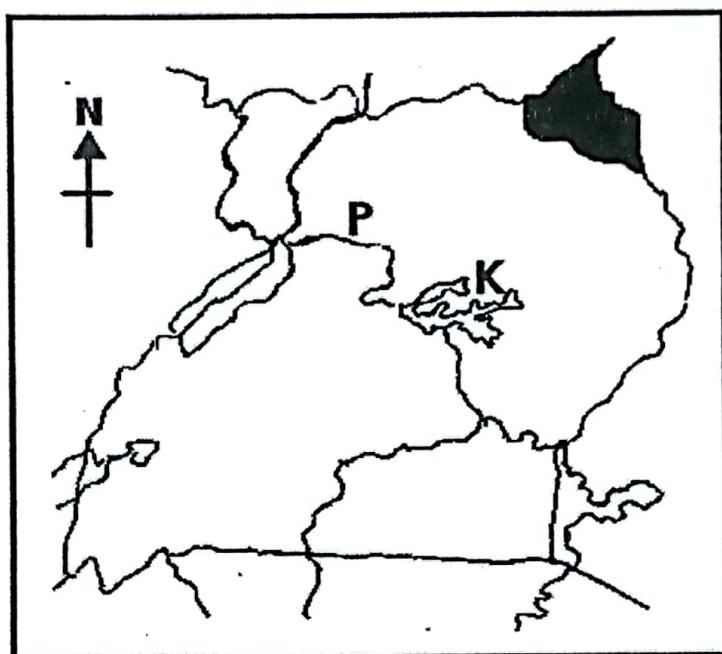
b) Why do areas along the equator receive heavy rainfall?

c) Mention any two economic activities carried out in areas that receive heavy rainfall

i) .....

ii) .....

**46. Study the sketch map below to answer questions that follow**



a) Name the part of river Nile marked P

.....

b) Why is lake marked with letter K swampy?

.....

c) Why does the shaded area have a sparse population?

.....

- d) Name the political party that led the above country to independence

.....

- 47.** a) What are National elections?

.....

- b) Which body was set up to organize elections in Uganda?

.....

- c) Give any two reasons why elections are important in a country.

(i) .....

(ii) .....

- 48.** Match leaders in List A with how they come into power in List B

**List A**

a) Copper

b) Limestone

c) Phosphates

d) Soda ash

**List B**

manufacture of cement

manufacture bullet shells

manufacture of glass

manufacture of artificial fertilizers

a) Copper .....

b) Limestone .....

c) Phosphates .....

d) Soda ash .....

**49.** a) State any one factor that attracts many people to settle in an area.

.....

b) Give any two advantages of a high population to a country

(i) .....

(ii) .....

c) How does a high population affect the vegetation of an area?

.....

**50.** a) Name the coastal town in East Africa that welcomed the Portuguese

.....

b) Give two reasons why the Portuguese were interested in settling at the  
East African coast

(i) .....

(ii) .....

c) Why did the Portuguese rule at the coast of East Africa decline?

.....

**For questions 51-55, answer Either Christianity OR Islamic but Not  
Both in the same number.**

**51. Either:** a) Why is a Bible regarded as a Holy book in Christianity?

.....

b) Who wrote the Books of Law in the Bible?

.....

- c) State any two examples of Books of Law in the Bible
- i) .....
- ii) .....

Or: a) Why is a Qur'an regarded as a Holy book in Islam?

.....

- b) Who received the Tauret in Islam?

.....

- c) State any other two holy books in Islam besides Tauret.

i) .....

ii) .....

52. Either: a) What helped Jesus to perform miracles on earth?

.....

- b) Mention any two miracles that were performed by Jesus

(i) .....

(ii) .....

- c) Give any one way people gained from the miracles Jesus performed

.....

Or: a) What helped Prophet Muhammad to perform miracles on earth?

.....

- b) Mention any two miracles that were performed by Prophet Muhammad
- (i) .....
- (ii) .....
- c) How did people gain from the miracles Prophet Muhammad performed?  
.....

53. Either: According to the parable of Good Samaritan, who is a neighbour?

.....  
.....

- b) Give any two roles of a good neighbour in a Christian community.
- (i) .....
- (ii) .....
- c) Give any one cause of misunderstandings among Christians  
.....

Or: According to Islam, who is a neighbour?

.....

- b) Give any two roles of a good neighbour in a Muslim community.
- (i) .....
- (ii) .....

- c) Give any one cause of misunderstandings among Muslims
- .....

54. Either: Why did God create man in His image?

.....

b) How did man spoil his relationship with God?

.....

c) What punishment did God give the following people for disobedience?

(i) Adam

.....

(ii) Eve

.....

Or: Why did Allah create man in His image?

.....

b) How did man spoil his relationship with Allah?

.....

c) What punishment did Allah give the following people for disobedience?

(i) Adam

.....

(ii) Haawa

.....

**55. FOR BOTH:**

a) Mention any two common beliefs among Muslims and Christians

i. ....

ii. ....

b) State any two practices that make Christians different from Muslims.

i) ....

ii) ....

**END**



# HILLSIDE PRIMARY SCHOOL-NAALYA

## PRE-REGISTRATION EXAMINATIONS

2024

### MATHEMATICS (Set Three)

*Time Allowed: 2 Hours 30 Minutes*

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

#### Read the following instructions carefully

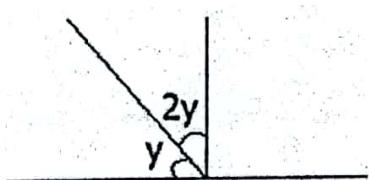
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2. All the working for both sections A and B must be shown in the spaces provided.
3. All the working must be done using a blue or black ball-point pen or fountain pen. Diagrams must be drawn in pencil.
4. Calculators are not allowed in the examination room.
5. Unnecessary changes of work may lead to loss of marks.
6. Any handwriting that cannot easily be read may lead to loss of marks.
7. Do not fill anything in boxes indicated:  
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**FOR EXAMINERS'  
USE ONLY**

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		

## **SECTION A: (40 Marks)**

1. Subtract:  $300 - 124$
  
  
  
  
  
  
  
  
2. Write XCIV in Hindu-Arabic numerals.
  
  
  
  
  
  
  
  
3. Work out:  $-4 - -10$ .
  
  
  
  
  
  
  
  
4. Given that  $P = \{\text{all prime numbers less than } 11\}$ . Find  $n(P)$
  
  
  
  
  
  
  
  
5. In the figure below, find the value of  $y$  in degrees.



6. Simplify;  $3y - (5y + 3)$

7. Arrange 3, -4, 0, 6, -1 and 7 in ascending order

8. Add:

$$\begin{array}{r} 101_{\text{three}} \\ + 12_{\text{three}} \\ \hline \end{array}$$

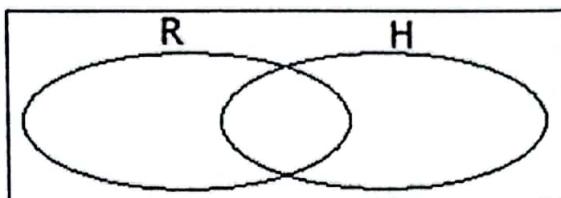
9. Workout:  $0.48 \div 0.8$

10. A dice is rolled once, what is the probability that an even number will show on top?

11. Elton received 6 less books than Paul. If Paul received 36 books, how many books did both Elton and Paul receive in total?

12. Work out :  $3 + 6 = \underline{\hspace{2cm}} \pmod{7}$

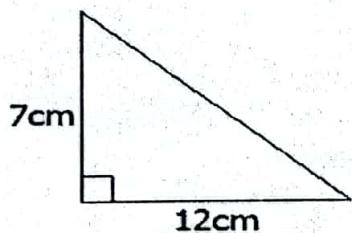
13. Shade R-H in the Venn diagram below



14. What is the complement of  $50^\circ$ ?

15. Express 0.50 a fraction in its simplified form.

16. Find the area of the figure below.



17. Given that  $p = 5$  and  $k = 7$ . Find the value of;  $3p - k$ .
18. Laber drove at a speed of 80km/hr for 4 hours from a certain town to another. Calculate the distance between the two towns.
19. Bruce was the 12<sup>th</sup> boy from either side of the line of boys. How many boys were in the line?
20. A school bursar issued out the receipts numbered from 05784 to 05833 consecutively. If each receipt was worth sh. 20,000, how much money did the bursar collect?

## **SECTION B: (60 Marks)**

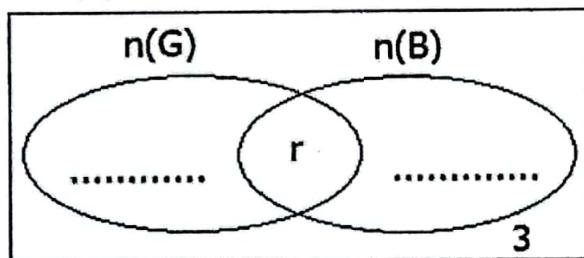
21. a) Work out:  $23_{\text{four}} + 44_{\text{four}}$  **(2 marks)**

b) Change  $122_{\text{three}}$  to decimal base. **(3 marks)**

22. In a class of 50 pupils, 24 like beans (B), 30 like groundnuts (G), r like both beans and groundnuts while 3 pupils like neither of the two types of food.

a) Complete the Venn diagram below. **(2 marks)**

$$n(\varepsilon) = 50$$



b) Find the value of r. **(3 marks)**

23. a) What is the smallest number which when divided by either 8 or 12 leaves 5 as a remainder? **(2 marks)**

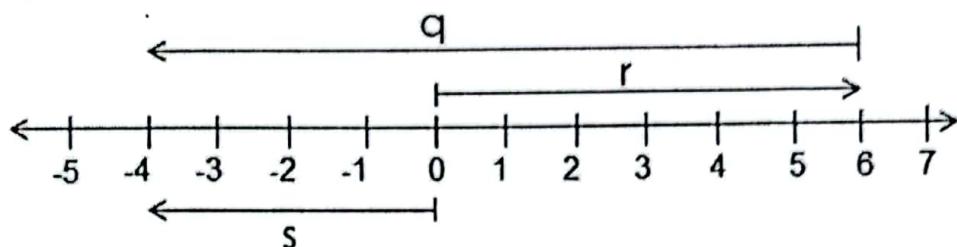
b) Two bells ring at intervals of 30 minutes and 40 minutes respectively. After how many minutes will the two bells ring together again? **(3 marks)**

24. A motorist left town P for town Q at an average speed of 60 km/hr for 2 hours. He then continued to town R at a steady speed of 75 km/hr for 3 hours.

a) Calculate the total distance between town P and town R. **(2 marks)**

b) Find the motorist's average speed for the whole journey. **(2 marks)**

25. Study the number line below and use it to answer the questions that follow.



a) What integer is represented by each of the arrows on the number line above? **(1 mark each)**

- i) q .....      ii) r .....      iii) s .....

b) Write the mathematical statement shown by the arrows on the number line. **(1 mark)**

26. a) Solve for t:  $\frac{2t}{3} - 2 = 3$  **(3 marks)**

b) Gabby is 4 years older than Ruth. If their total age is 32 years, how old is Gabby? **(2 marks)**

27. The table below shows the marks by some pupils in a P.6 class in a mathematics test. Use it to answer the questions that follow.

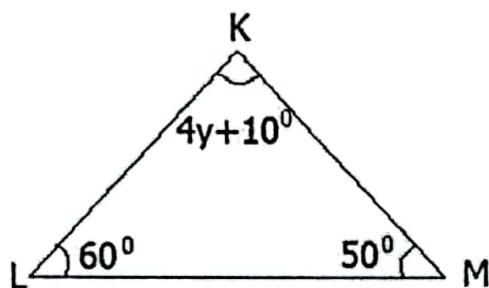
Marks	60	80	70	90
No. of pupils	2	3	4	1

- a) How many pupils did the test? **(2 marks)**
- b) Find the range. **(2 marks)**
- c) Calculate the average mark. **(3 marks)**

28. a) Simplify:  $\frac{2}{3} - \frac{3}{4} + \frac{1}{2}$  **(2 marks)**

b) Work out: 
$$\frac{0.24 \times 0.18}{0.6 \times 0.8}$$
 (3 marks)

29. Study the figure below and use it to answer the questions that follow.



a) Find the value of y. (3 marks)

b) Work out the size of angle MKL. (2 marks)

30. Opolot went to the market and bought the following items as shown on the table below.

<b>Item</b>	<b>Quantity</b>	<b>Unit cost</b>	<b>Total cost</b>
Sugar	2kg	Sh. ....	Sh. 7,000
Meat	..... kg	Sh. 8,000	Sh. 24,000
Rice	.....kg	Sh. 4,000	Sh. 2000
Total expenditure			Sh. ....

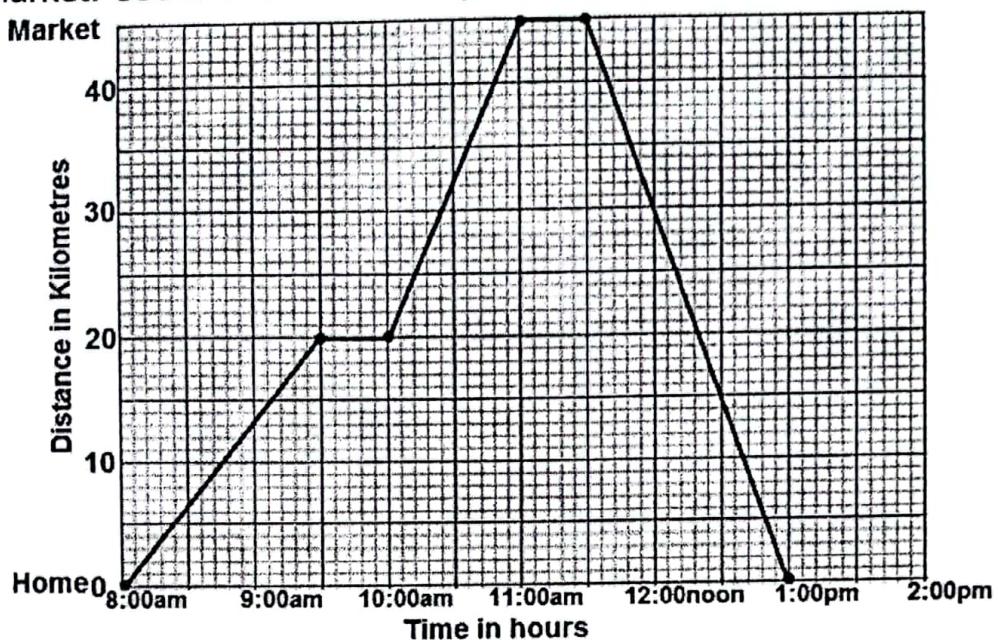
a) Complete the table above. **(4 marks)**

b) If he had sh. 40,000, how much change did she get? **(1 mark)**

31. a) With the help of a ruler, a pencil and a pair of compasses only, construct a rectangle ABCD where line AB = 7cm and line BC = 5cm. **(4 marks)**

b) Measure the length of diagonal BD **(1 mark)**

32. The graph below shows the journey made by Mr. Opolot from home to the market. Use it to answer the questions that follow.



- a) How far is the market from home? **(1mark)**
- b) At what time did he reach the market? **(1mark)**
- c) Calculate Mr. Opolot's average speed for the whole journey. **(3 marks)**

**END**



HILLSIDE PRIMARY SCHOOL  
**PRE REGISTRATION EXAMINATIONS**  
**2024**  
**INTEGRATED SCIENCE (SET THREE)**

*Time Allowed: 2 Hours 15 Minutes*

**Name.....**

**Date .....**

**Stream.....**

**Read the following instructions carefully**

1. The paper has **two sections: A and B.**  
Section A has 40 questions and Section B has 15 questions
2. Answer **all** questions. All answers to both sections **A** and **B** must be written in the spaces provided.
3. **All** answers must be written using a blue or black ball-point pen or fountain pen. Any work written in pencil other than graphs and diagrams will not be marked
4. Unnecessary changes in 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 boxes indicated: "**For Examiners' Use Only**" and those inside the paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' NO
1-10		
11-20		
21-30		
31-40		
41- 43		
44- 46		
47- 49		
50- 52		
53- 55		
<b>TOTAL</b>		

## **SECTION A (40 MARKS)**

1. Name the germ which causes malaria.

.....

2. Give one way root crop pests can be controlled.

.....  
.....

3. Why do children need more protein foods than adults?

.....  
.....

4. How is the use biogas important in our environment?

.....  
.....

5. Identify one material bees collect from plants.

.....  
.....

6. What is the importance of docking in sheep management?

.....  
.....

7. How is blubber important to seals?

.....  
.....

8. Which state of matter is got when a gas condenses?

.....

9. Identify any one natural change in the environment.

.....

10. Why are people encouraged to perform regular physical exercises?

.....

.....

11. Name the instrument used to measure the density of milk.

.....

12. Mention any one example of a nonrenewable resource in the environment.

.....

13. How are red blood cells adapted to their function?

.....

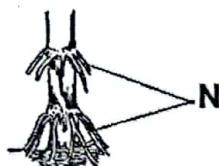
.....

14. State one use of alcohol in hospitals.

.....

.....

Use the diagram below to answer question 15 and 16.



15. Name the roots marked N

.....

16. How are the roots named above important to a plant?

.....

17. Identify one way properties of air are useful to people.

.....

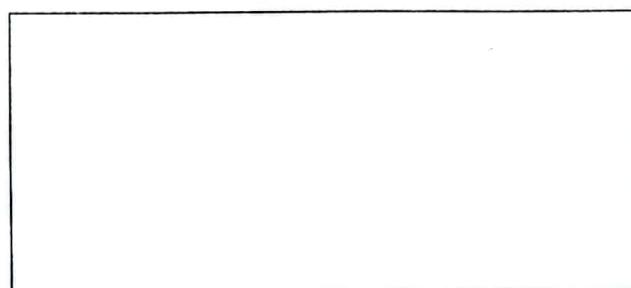
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18. How is a fish able to live in water?

.....

.....

19. In the space below, draw a canine tooth.



20. What are energy resources?

.....

.....

21. An object has a mass of 20g, calculate its density if it has a volume of 5cc

.....

The diagram below shows a musical instrument. Use it to answer the questions 24 and 25



22. State the importance of part Q

.....  
.....

23. How does the above instrument produce sound?

.....  
.....

24. Point out any one danger of living in a dirty environment.

.....  
.....

25. Why do some farmers keep Saanen goats?

.....

26. Give any one biological change in plants.

.....

27. Which vitamin prevents rickets in children?

.....

28. How are moths able to locate flowers at night?

.....

29. Why does blood flow to the kidneys?

.....  
.....

Use the diagram below to answer questions 30 and 31



30. How does the above organism feed?

.....  
.....

31. Use an arrow and letter B to show the gills.

32. Why is the water prepared by decantation not safe for drinking?

.....  
.....

33. Which component of soil helps plants to carry out photosynthesis?

.....  
.....

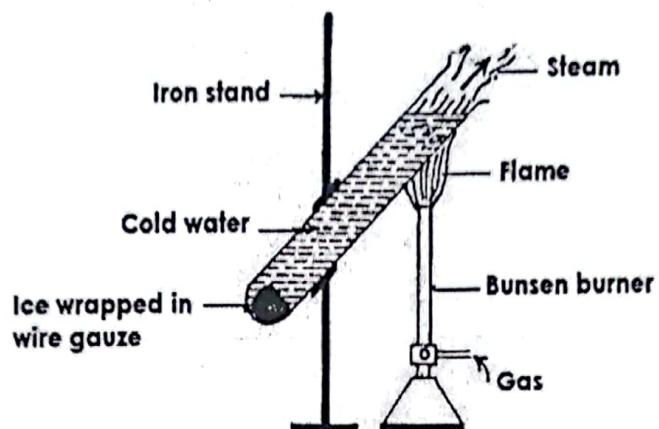
34. Mention one childhood immunisable disease which spreads through drinking contaminated water.

.....  
.....

35. How is the beak of an eagle adapted to its function?

.....  
.....

Study the diagram below and use it to answer questions 34 and 35



36. What does the experiment above prove about water?

.....  
.....

37. Why is the ice wrapped in wire gauze as shown above?

.....  
.....

38. How does smoking help to preserve fish?

.....  
.....

39. Identify any one role played by earthworms in the soil.

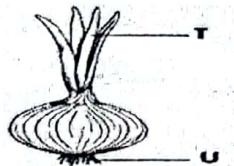
.....  
.....

40. Mention any one example of wood fuel.

.....  
.....

## **SECTION B (60 Marks)**

41. The diagram below is of an onion. Use it to answer the questions that follow.



a) Name the roots marked **U**

.....

b) How is part marked **T** adapted to its function?

.....

c) How is the above plant propagated?

.....

d) Apart from an onion, give one other plant that is propagated in the same way.

.....

42. a) Where in the lungs does gaseous exchange take place?

.....

(b) What happens to the following during inhalation (breathing in)

(i) The ribcage

.....

(ii) Diaphragm

.....

(c) Mention one non-communicable disease that affects the lungs.

.....

43. a) How does sound move from one place to another?

.....

b) Why does sound travel fastest in solids?

.....

c) Give the meaning of the following terms as used in sound?

(i) Amplitude

.....

(ii) Volume

.....

44. a) Identify one type of honey bees in a hive.

.....

b) Give any two methods used to extract honey from honey combs.

(i) .....

(ii) .....

c) State the role of a queen excluder found in a modern hive.

.....

45.a) Give an example of a substance that exists in each of the following states of matter.

(i) Gaseous state.....

(ii) Solid state.....

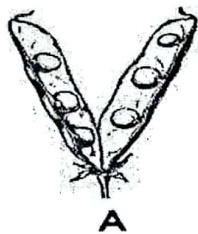
(iii) Liquid state.....

b) Why are molecules in solids closely packed together than in liquids?

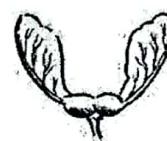
.....  
.....

46. a) What is seed dispersal?

.....  
.....



A



B

b) How are the seeds in the diagrams below dispersed?

(i) A.....

(ii) B.....

c) State any one advantage of seed dispersal.

.....

47. a) Why are all pregnant women given T.T vaccine?

.....  
.....

b) How are the following diseases spread?

(i) Polio

.....

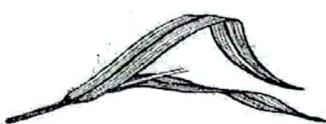
(ii) Measles

.....

c) Why is BCG vaccine given to babies at birth?

.....  
.....

48. The diagram below shows part of a plant. Use it to answer the questions that follow.



a) Name the type of leaf venation shown above.

.....

a) Mention two examples of plants with such leaves.

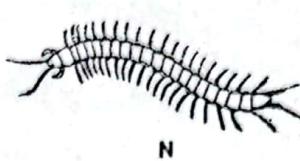
(i) .....

(ii) .....

c) Give one way leaves are useful to plants.

.....

49. Study the diagrams below and use them to answer the questions that follow.



a) To which class of invertebrates does each organism belong?

- (i) M.....
- (ii) N.....

c) Why are the above animals grouped under invertebrates?

.....  
.....

d) Give one example of an animal which can be put in the same class with organism M

.....

50. a) Define the term first aid.

.....  
.....

b) What is the first aid for:

i) Fractures

ii) Burns and scalds

b) State any one reason why first aid is important.

.....

51. a) Give two examples of essential drugs.

(i).....

(ii).....

b) State any two qualities of essential drugs.

(i).....

(ii).....

52. a) Give one way water can be made:

(i) Clean for washing clothes

.....

(ii) Safe for drinking

.....

b) Why are the following steps important in laundry?

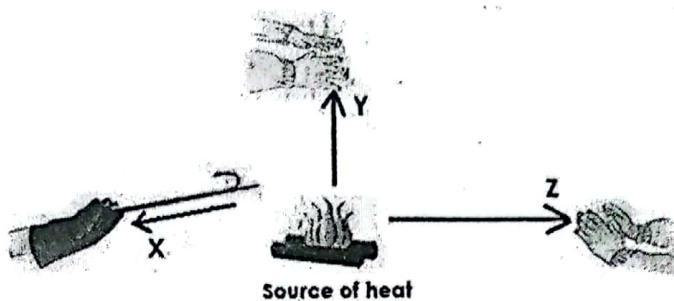
(i) Sorting

.....

(ii) Soaking

.....

53. Study the diagram below and use it to answer the questions that follow.



a) Name the method of heat transfer represented by letters X, Y and Z

(i) X.....

(ii) Y.....

(iii) Z.....

b) State any one effect of heat on matter.

.....

54. a) Mention two ways of controlling tick borne diseases on a farm.

(i).....

(ii).....

b) Why do farmers carry out the following practices on a cattle farm?

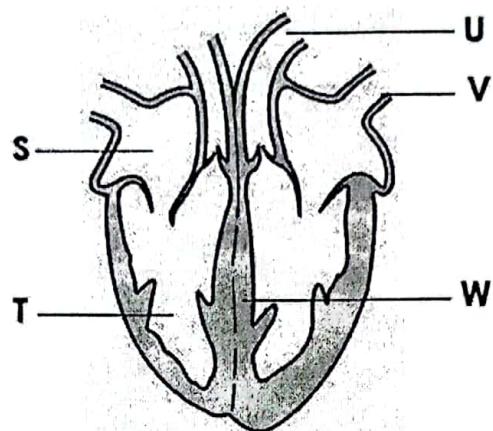
i) Drenching

.....

ii) Ear tagging

.....

55. Study the diagram below and use it to answer the questions that follow.



a) Name the parts marked S and T

(i) S.....

(ii) T.....

b) Which type of blood is carried by blood vessel N

.....

c) Put an arrow on blood vessel V to show the flow of blood.

.....

END