



# HORMISDALLEN SCHOOL - GAYAZA

## PRE- P.L.E EXAMINATION SET 9

### SOCIAL STUDIES AND RELIGIOUS EDUCATION

*Time allowed: 2 hours 15 Minutes*

NAME: \_\_\_\_\_

INDEX NUMBER: 5 3 7 9 9 5 \_\_\_\_\_

Signature: \_\_\_\_\_

Stream: \_\_\_\_\_

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.**

Read the following instructions carefully:

1. This paper has **two** sections: **A** and **B**.
2. Section **A** has 40 questions (40 marks)  
Section **B** has 15 questions (60 marks)
3. Answer all questions. All questions to both Sections **A** and **B** must be written in the spaces provided.
4. All answers must be written using a blue or black ball-point pen or fountain pen.
5. Unnecessary changes of work may lead to **loss** of marks.  
All diagrams must be drawn in pencil.
6. Any handwriting that cannot easily be read may lead to **loss of marks**.
7. Do **not** fill anything in the boxes indicated:  
**"For Examiners' Use Only"**

FOR EXAMINERS' USE ONLY		
Qn. No.	MARKS	EXRS' IN.
1 – 20		
21 – 30		
31 – 50		
51 – 53		
54 – 55		

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*Turn over*

## SECTION A (40 MARKS)

1. Mention any one item made by use of hands.

.....

2. Under which organ of government do we find the cabinet ministers?

.....

3. How was Semei Kakungulu helpful to the British colonialists in Uganda?

.....

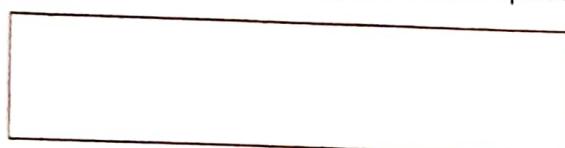
4. How important is a nurse in a school community?

.....

5. State any one reason why Ugandans demanded for independence.

.....

6. Draw a map symbol of a railway line in the space below.



7. Mention the physical feature that covers the widest part of Uganda.

.....

8. How is coffee harvested?

.....

9. Why did Sir Hesketh Bell encourage cash crop growing in Uganda?

.....

10. Mention any one activity the Bachwezi are remembered for.

.....

.....

11. Which tool guides the children in class on the order of lessons?

.....

12. State any one reason why the government conserves wildlife.

.....

13. Name the main crop grown in Gezira irrigation scheme in Sudan.

.....

14. Why did the British introduce cash crop growing in Uganda?

.....

15. Give any one advantage of a small family.

.....

16. What title is given to the head of the Uganda Police Force?

.....

17. Name the symbol of East African Community drawn below.



.....

18. Give any one reason why ethnic groups migrated from their homelands.

.....

19. Mention any one benefit a school gets from the neighbourhood.

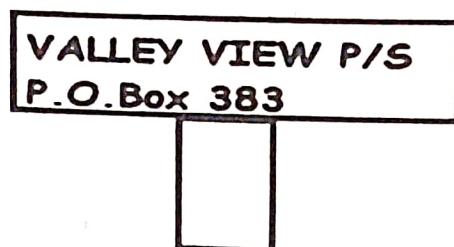
20. State one reason why Africans struggled for their independence.

.....

21. State the tourist attraction found in Bwindi impenetrable game park.

.....

22. Name the school symbol below.



.....

23. Who is the political head of a district in Uganda?

.....

24. Which regional body helps all East African countries to trade together?

.....

25. State any one role played by the Resident District Commissioner.

.....

26. State any one way of conserving natural forests.

.....

27. State any one method that was used by Africans to demand for independence.

.....

28. Give any one cause of a dense population in urban areas.

.....

29. Write NEMA in full.
- .....
30. Mention one activity done on the wind ward side of a mountain.
- .....
31. Give the meaning of the term agro-based industries.
- .....
32. How did Sir Samuel Baker help the people of Acholi?
- .....
33. Why is population census in Uganda not carried out every year?
- .....
34. Mention any one discovery that was made by early man.
- .....
35. How is industrialization dangerous to the environment?
- .....

For questions 36 – 40, answer either Christianity or Islam but not both.

36. Either: Why do Christians pray to God?

Or: Why do Muslims pray to Allah?

37. Either: Who liberated the Israelites from Egypt?

**Or:** Who liberated the Ban-Israel from Msiri?

.....

**38. Either:** Why do Christians consider Abraham as a man of great faith?

.....

**Or:** Why do Muslims consider prophet Ibrahim as a man of great faith?

.....

**39. Either:** According to the Bible, what is blamed for the fall of man?

.....

**Or:** According to the Qur'an, what is blamed for the fall of man?

.....

**40. Either:** Who is a neighbour in Christianity?

.....

**Or:** Who is a neighbour in Christianity?

.....

### **SECTION B (60 MARKS)**

**41. a) State any one factor that influences wildlife distribution in Africa.**

.....

**b) Give any one problem facing tourism sector in Uganda.**

.....

**c) Give any two ways of improving tourism in East Africa.**

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

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

42. (a) Mention the fuel mineral mined around Lake Albert in Uganda .

.....

(b) Give two reasons why mining industry is not well developed in East Africa.

(i) .....

(ii) .....

c) How does phosphate mining support the agricultural sector of Uganda?

.....

43. (a) What is vegetation?

.....

(b) Mention any two reasons why people are encouraged to plant trees.

(i) .....

(ii) .....

c) Give any one example of vegetation.

.....

44. (a) Mention the group of Europeans that came mainly to spread Christianity.

.....

(b) Give two contributions of the above group of people in Uganda.

(i) .....

(ii) .....

(c) Write any one problem faced by the above people in Uganda.

.....

45. (a) By what process was each of the following features formed?

i) Mt. Rwenzori

.....

ii) Drakensberg ranges

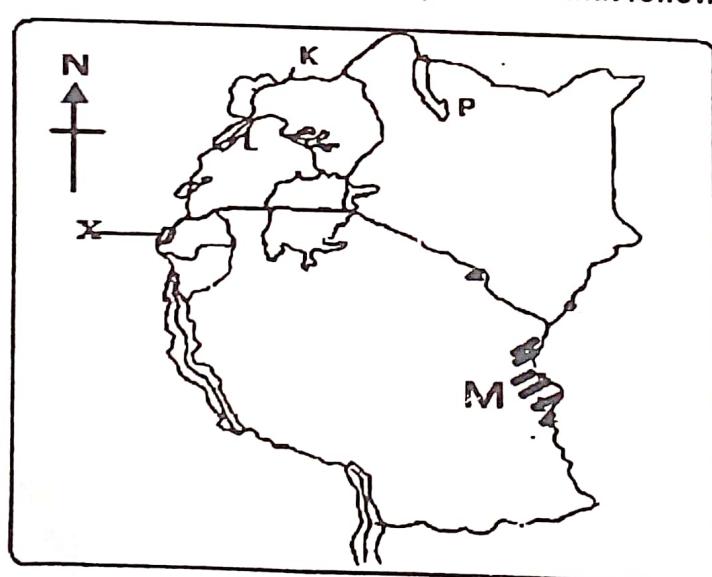
.....

(b) Mention two economic activities carried out on a plateau.

(i) .....

(ii) .....

46. Study the map below and answer the questions that follow.



a) Name the lake marked X.

b) Locate Burundi using letter T on the map above.

c) How do trees in vegetation zone marked M support water transport?

d) What is the direction of Uganda from country K?

**47. Match the following.**

Key tells what a map is all about.

Heading interprets map symbols.

Compass direction helps to find the ground distance.

Scale helps to find directions of places.

(a) Key .....

(b) Heading .....

(c) Compass direction .....

(d) Scale .....

**48. a) Which weather instrument measures each of the following elements of weather?**

(i) Rainfall .....

(ii) Air pressure .....

b) How do people protect themselves against rainy weather?

c) Give any one danger of heavy rainfall.

.....

49. (a) Write any one cause of MAU MAU rebellion.

.....

(b) In which country did MAU MAU take place?

.....

(c) State any two effects of MAU MAU rebellion.

(i) .....

(ii) .....

50. (a) Give any two reasons why people keep domestic animals.

i) .....

ii) .....

(b) Mention two problems facing domestic animals in East Africa.

(i) .....

(ii) .....

**For questions 51-55, answer either Christianity or Islam but not both.**

51. Either:

(a) Why did God tell Noah to build the ark?

.....

(b) What lesson do you learn from the story of Noah and the floods?

.....

(b) Mention any two people in the Bible known for their great faith.

(i) .....

(ii) .....

Or:

(a) Why did Allah tell Nuhu to build the ark?

.....

(b) What lesson do you learn from the story of Nuhu and the floods?

.....

(b) Mention two faithful Muslims in the Quran.

(i) .....

(ii) .....

52. Either:

(a) What did God create on his last day of creation?

.....

(b) Give two reasons why God created man.

(i) .....

(ii) .....

(c) Give one way in which God punished Eve for disobeying Him.

.....

Or:

(a) Who built the Kaaba?

.....

(b) In which town was the first mosque built?

.....  
(c) Give two importance of hijra among Moslems.

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

**53. Either:**

**'I will ask my father to send you a Helper' John 14:15-17**

a) Who said the above words?

.....

b) To whom were the above words said?

.....

c) Give two symbols of the helper above.

(i) .....

(ii) .....

**Or:**

(a) What do we call the total submission to the will of Allah?

.....

(b) Mention any two pillars of Islamic practice.

(i) .....

(ii) .....

(c) Name the angel who revealed the Koran to Prophet Mohammed.

**54. Either:**

(a) What does the term gospel mean?

.....

(b) Mention two writers of the gospel in the Bible.

(i) .....

(ii) .....

(c) In which part of the Bible do we find the gospel books?

.....

**Or:**

(a) What does the term "Injir" mean?

.....

(b) Who wrote the Injir?

.....

(c) How was prophet Muhammad guided in writing the Qu'ran?

.....

(d) Why is mountain Nur important in Islam?

.....

**55. Either:**

**Match the following Biblical personalities with their actions.**

- |            |                               |
|------------|-------------------------------|
| a) Moses   | went to heaven alive          |
| b) Abraham | built the Ark                 |
| c) Elijah  | led the Israelites from Egypt |
| d) Noah    | had strong faith in God       |
- 
- |                 |
|-----------------|
| a) Moses.....   |
| b) Abraham..... |
| c) Elijah.....  |
| d) Noah.....    |

**OR:**

**Match the following prophets with the Holy Books they got from Allah.**

- |             |                 |
|-------------|-----------------|
| a) Musa     | received Qur'an |
| b) Isa      | received Zabur  |
| c) Muhammad | received Tauret |
| d) Dauda    | received Injir  |
- 
- |             |       |
|-------------|-------|
| a) Musa     | ..... |
| b) Isa      | ..... |
| c) Mohammed | ..... |
| d) Dauda    | ..... |

**END**



# HORMISDALLEN SCHOOL - GAYAZA

## PRE- P.L.E EXAMINATION SET 9

### ENGLISH

*Time allowed: 2 hours 15 minutes*

NAME: \_\_\_\_\_

INDEX NUMBER:

5	3	7	9	9	5			
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Signature: \_\_\_\_\_

Stream: \_\_\_\_\_

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.**

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. The paper has two sections: A and B
2. Section A has 50 questions (50 marks)  
and Section B has 5 questions (50 marks)
3. Answer ALL questions in both Sections A and B.
4. All answers must be written using a blue or black ball point pen or ink. Diagrams should be drawn in pencil.
5. Unnecessary crossing of work may lead to loss of marks.
6. Any handwriting that cannot be easily read may lead to loss of marks.
7. Do not fill anything in the boxes indicated  
For Examiner's use only.

A	
B	
<b>TOTAL</b>	

**FOR EXAMINER'S USE ONLY**

Qn. No	Mark	Sign
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 50		
51		
52		
53		
54		
55		
<b>TOTAL</b>		

*Turnover*

## SECTION A

### Sub-Section I

Questions 1 to 50 carry one mark each

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

1. Either Joan ..... Joel will feed the baby.
2. Besides using a hammer, the carpenter ..... uses a drill.
3. Sugar is normally measured ..... kilograms.
4. Number ..... comes after seven.
5. Asio is my ..... because she is a sister to my father.

In each of the following questions 6 to 15, use the correct form of the word given in the brackets to complete the sentence.

6. I visited the zoo ..... during Easter holidays. (one)
7. Luganda is ..... spoken in Uganda. (wide)
8. My father was ..... on the ear by a wasp. (sting)
9. The plumber reported the ..... of his identity card to the police. (lose)
10. There are ..... teachers than doctors in our country. (many)
11. He married a ..... wife. (beauty)
12. The man who repaired our computer is a ..... national. (Kenya)
13. Abaho is ..... with the shopkeeper to reduce the price of a shirt. (bargain)
14. Disciplined children ..... perform well in class. (usual)
15. I like my teacher of English because of his ..... during lessons. (explain)

In questions 16 and 17, write the full form of the given words.

16. He'll .....
17. cc .....

In questions 18 and 20, rewrite the sentence giving one word for the underlined group of words

18. The cleanest man that sells meat in our village was arrested.

.....  
.....

19. Most birds make homes of grass in which to lay their eggs.

?  
.....  
.....

20. You must take back that book to the library after reading it.

.....  
.....

In questions 21 and 22, give the plural form of the given words.

21. goose

.....  
.....

22. sister - in- law

.....  
.....

For questions 23 and 24, use each of the given words in sentences to show that you know the difference in their meaning.

23. meat

.....  
.....

24. meet

.....  
.....

In questions 25 and 26, re-arrange the given words in alphabetical order.

25. cassava, yam, potatoes, maize

.....  
.....

26. river, yam, roof, rise

.....  
.....

For questions 27 and 28, rewrite the sentences giving the opposite of the underlined words

27. Mzee Kija rears bulls on his farm.

.....  
.....

28. It is not good to dress in public

.....  
.....

In questions 29 and 30, re-arrange the given words to form a correct sentence

29. motorist The wear didn't careless his helmet.

.....  
.....

30. John's picked Who his from desk pen?

.....  
.....

In each of the questions 31 to 50, rewrite the sentence as instructed in the brackets

31. I have to pass this examination highly.

(Rewrite the sentence using .....must .....)

.....  
.....

32. Isabella's handwriting is good. Sam's handwriting is good.

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

.....  
.....

33. She was talking to someone, wasn't she?

(Rewrite the sentence ending: .....was she?)

.....  
.....

34. water is better than fire the proposers say.  
(Re-write and punctuate the sentence correctly)

.....  
.....

35. My little sister is very ill. She can't eat any food.  
(Re-write as one sentence using .....so .....that.....)

.....  
.....

36. Beda junior was sewing. The needle pierced him.  
(Re-write as one sentence using .....while.....)

.....  
.....

37. Obonyo has a very kind mother.  
(Re-write the sentence beginning: What.....!)

.....  
.....

38. You should say sorry whenever you make a mistake.  
(Rewrite the sentence using .....apologise .....)

.....  
.....

39. None of the garments was clean.  
(Rewrite the sentence beginning All.....)

.....  
.....

40. Some cartoons that appear in the newspapers are drawn by Clare.  
(Rewrite the sentence using .....some of.....)

.....  
.....

41. Michael is short. Mathew is very short.  
(Rewrite as one sentence using .....than.....)

.....  
.....

42. Nancy is a hardworking girl. Jane is also a hard working girl.  
(Re-write as one sentence using: .....both.....)

.....  
.....

43. The mechanic repaired my father's car.  
(Rewrite the sentence and end: .....by the mechanic.)

.....  
.....

44. Nakubulwa Shalom prefers reading story books to playing.  
(Re-write the sentence using: ....more interested...)

.....  
.....

45. Our school has not organized any tour for two years.  
(Rewrite the sentence ending: .....ago.)

.....  
.....

46. The journalist needn't have written false reports.

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

.....  
.....

47. We shall have fantastic Christmas carols in the afternoon.

(Rewrite the sentence using: .....going to.....)

.....  
.....

48. Every time I fall sick, I see a doctor.

(Rewrite the sentence using: .....whenever.....)

.....  
.....

49. The patient is very strong. He can bathe himself.

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

.....  
.....

50. That book is Mary's. (Re-write the sentence using: .....belongs....)

.....  
.....

## SECTION B

Question 51 to 55 carry ten marks each

51. Read the passage below and then answer the questions that follow in full sentences.

Last term, Malindo Primary School held an election. Ms. Dorothy Awor, the chairperson of the school electoral commission, organized the elections. She pinned the lists of posts on the notice board. She asked the pupils to apply for the posts. Many pupils applied including the well-known boy, Bouncer Bino also known as BB. He was known in the school because of his pride. He applied for the post of Head boy. As soon as BB handed in his application, he changed his style of walking.

Friday was the day for general campaigns. The chairperson called candidates to address the pupils. When BB was called upon, pupils cheered him "Our boy BB! Our boy BB!" However, he was disturbed by something: he had no money to please his supporters.

When he returned home that evening, he asked his dad for some money for the campaigns. BB was very excited when his dad gave him some money. He bought sweets, pan-cakes, buns and gave them quietly to every pupil he believed was his supporter. On the day of the elections, the head teacher, Mr. Matovu was there to monitor the process. He wanted to ensure that there was no rigging. Indeed, there was free and fair elections.

When Ms. Dorothy Awor announced the results, a very humble boy who did not spend money was elected head boy. Bouncer Bino, had lost. He was very disappointed and so were his parents.

BB accepted the results and advised his supporters to work together with the newly elected prefects. Mr. Matovu appreciated BB's action and thanked him for the good spirit of togetherness.

a) What was held in Malindo Primary School?

.....

b) Who was the chairperson of the electoral commission?

.....

c) Where was the list of the posts pinned?

.....

d) Why was Bouncer Bino well-known in the school?

.....

.....

e) When did the pupils have general campaigns?



.....

.....

g) Why was the head teacher monitoring the process of the elections?

.....

.....

h) Give another word or a group of words with the same meaning as each of the underlined words in the passage.

i) posts.....



ii) rigging.....

.....

.....

h) What made the head teacher to appreciate Bouncer Bino's action?

52. Study the advertisement below carefully and then answer the questions that follow in full sentences.

EXHIBITION	EXHIBITION
Furber has organized the end of year science exhibition.	
When:	2 <sup>nd</sup> - 8 <sup>th</sup> December 2022
Venue:	Boma recreational ground
Time:	8:00 am - 6:00 pm (daily)
Fee:	
Adults	5000/=
Children	2000/=
Don't miss the different species of animals, snakes, birds and face painting for children.	
Note: The first twenty participants will enter free of charge	
Management 2/11/2022	

a) What is the advertisement about?

.....  
.....

b) Who has organized this event?

.....

c) Where will the event take place?

.....  
.....

d) How long will the event take?

.....  
.....

e) On what date will the event start?

.....  
.....

f) What do you think will excite children at the venue?

.....  
.....

g) How much would your parents pay if they were to go for the event?

.....  
.....

h) Why do you think most people will arrive early?

.....  
.....

i) Who wrote this advertisement?

.....  
.....

j) When was the advertisement written?

.....  
.....

53. Read the poem below carefully and then answer the questions that follow in full sentences.

I connect everybody in the world  
Ready to serve if you feed me  
Airtime is my favorite meal  
Measured according to the user's pocket  
From as low as five hundred shillings

I am mobile and easy to carry,  
In the pocket or hand bag I am present  
Ready to be used  
To send or receive a message  
As the user may choose

I connect people near and far  
To talk and laugh  
But for seconds, minutes or hours  
But I quickly switch off  
When my meal gets finished

I can be your bank  
As I keep or carry your money safely  
Without using even a coin  
I deliver it all to the receiver  
To pay fees or solve other problems

(a) What does the writer do in the world?

.....

(b) What does the writer need in order to work?

.....

.....

(c) Where can we find the writer?

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

(d) Apart from receiving, what else does the writer do to messages?

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

(e) How does the writer stop conversation?

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

(f) In which way would the writer help a parent, according to stanza four?

.....  
.....

(g) How is the writer similar to a bank?

.....  
.....

(h) Give another word or a group of words with the same meaning as the underlined words in the poem.

i) connect.....

ii) Favourite .....

i) Who is the writer of the poem?

.....  
.....

54. The sentences below are not in the correct order. Re-arrange them to form a short composition about "A health officer".

- a) He requested the headteacher to allow him talk to the pupils about HIV/AIDS.
- b) He also advised pupils to avoid getting HIV/AIDS
- c) She welcomed the health officer's request and organized for an assembly.
- d) Abstaining from sex and not sharing sharp objects was the answer he gave.
- e) The headteacher welcomed him and gave him the visitor's book to sign.
- f) One day, a health officer came to our school.
- g) Finally, the headboy thanked the health officer for the message on behalf of the pupils.
- h) The health officer explained to the pupils about the causes signs and symptoms of HIV/AIDS.
- i) And he went straight to the headteacher's office
- j) After his talk, one of the pupils asked him how HIV/AIDS could be avoided

55. Read the following passage carefully and fill in the blank spaces with the words given below:

Wadilai is one of the small ..... in the rural area of Nebbi district. Most of the people who live here are the ..... who used to grow ..... as their main ..... crop.

In addition, they grow maize, sim sim, millet, beans, cassava and potatoes mainly for ..... They also keep ..... such as pigs, goats and cattle but not in large .....

.....the farmers of this village find it difficult to ..... their produce at a reasonable profit. The ..... centres are quite far, so they are cheated by buyers.

- |            |            |
|------------|------------|
| -animals   | -villages  |
| -cotton    | - food     |
| -cash      | -Alur      |
| -market    | -marketing |
| -numbers   |            |
| -currently |            |

END



# HORMISDALLEN SCHOOL - GAYAZA

## PRE- P.L.E EXAMINATION SET 9

### MATHEMATICS

*Time allowed: 2 hours 30 minutes*

NAME: \_\_\_\_\_

INDEX NUMBER: 5 3 7 9 9 5 \_\_\_\_\_

Signature: \_\_\_\_\_

Stream: \_\_\_\_\_

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.**

Read the following instructions carefully:

A	
B	
<b>TOTAL</b>	

FOR EXAMINER'S 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		

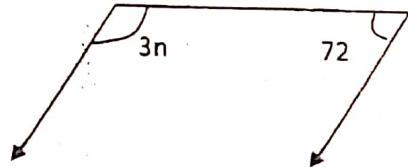
1. This paper has **two** sections: **A** and **B**.
2. All the working for both sections **A** and **B** must be shown in the spaces provided.
3. All working must be done using a blue or black ball-point pen or fountain pen. Any work done in pencil other than graphs, pictures and diagrams will **not** be marked.
4. **No calculators** are 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 the boxes indicated:

*Turn over*

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### **SECTION A (40marks)**

1. **Workout:**  $23 \times 3$ .
  
  
  
  
  
  
  
  
2. Given that  $A = \{\text{All multiples of } 7 \text{ less than } 40\}$ . Find  $n(A)$
  
  
  
  
  
  
  
  
3. Round off 49.97 to the nearest one decimal place.
  
  
  
  
  
  
  
  
4. **Simplify:**  $2p + 3q - 4q + p$ .
  
  
  
  
  
  
  
  
5. In the figure below, find the value of  $n$  in degrees.

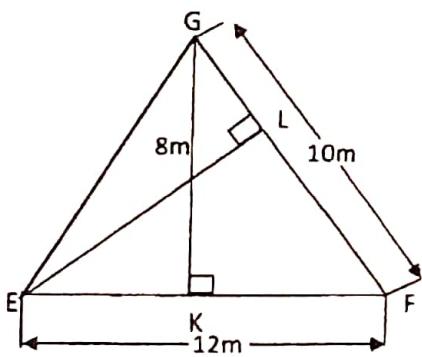


6. Simplify:  $-5 - +9$

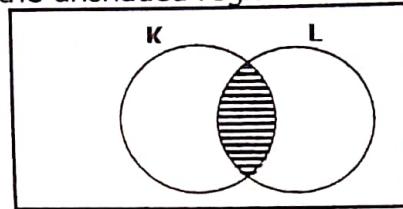
7. A die is tossed once. Find the probability that a number less than 5 shows up.

8. Find the L.C.F of 8 and 10.

9. In the triangle below,  $\overline{EF} = 12\text{m}$ ,  $\overline{GK} = 8\text{m}$  and  $\overline{GF} = 10\text{m}$ . Calculate the length of  $\overline{EL}$ .



10. Describe the unshaded region in Venn diagram below.



11. Use distributive property to work out:

$$(175 \div 5) - (25 \div 5)$$

12. Find the square root of 1.96

13. Express **XLVIII** in words.

14. **Solve for k:**  $3 - 2(k - 4) = 3$

15. With the help of a ruler, a pencil and a pair of compasses only, construct an angle of  $30^\circ$  in the space below.

16. Find the mean of the first five composite numbers.

17. Work out:  $\frac{2}{9} \div \frac{2}{3}$

18. Express 80cm as a ratio of 2m.

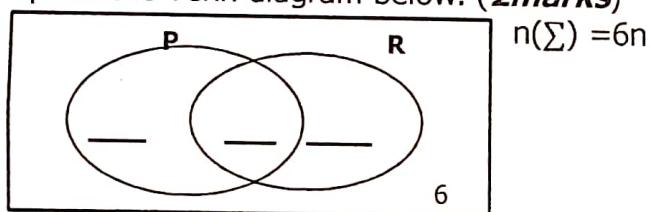
19. How many lines of folding symmetry has a square? (**draw and show**)

20. Find the values of  $k$  in:  $3k - 3 = 1$  (*finite 5*)

### SECTION B

21. In a class of  $6t$  pupils, 22 enjoy Posho (**P**) only, 8 enjoy both Posho and Rice,  $2n + 8$  enjoy Rice (**R**) while 6 pupils do not enjoy any of the two foodstuffs.

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



(b) Find the value of  $n$ . (**2marks**)

(c) How many pupils do not enjoy Posho? (**2marks**)

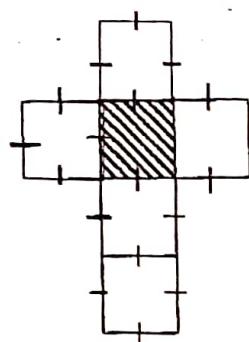
22. Amina went shopping and bought the following items;
- $1\frac{1}{2}$  kg of sugar at sh. 2800 per kg.
- 500gms of salt at sh. 1200@kg
- 600ml of cooking oil at sh. 2000 per litre.
- 2 bars of soap at sh. 7000.
- (a) How much did she pay for all the items if she was given a 10% discount for cash payment? **(5marks)**

(b) Calculate Amina's change if she had a twenty thousand shilling note. **(1mark)**

23. (a) **Workout:**  $1011_{\text{two}} + 111_{\text{two}}$  **(2 marks)**

(b) Given that  $24_y = 42_{\text{five}}$ . Find the value of  $y$ . **(2 marks)**

24. The figure below shows a net of a solid figure.



- (a) If the area of the shaded face is  $49\text{m}^2$ , calculate the length of each side.  
**(2marks)**

- (b) Find the total surface area of the solid formed. **(2marks)**

- (c) Calculate the volume of the solid. **(2marks)**

25. Using a ruler and a pair of compasses construct a regular hexagon of sides 4cm.  
**(4marks)**

26. The sum of three consecutive even numbers is 54. If the middle number is  $t$ ,  
(a) Find the numbers. **(3marks)**

(b) Calculate the product of the numbers. **(2marks)**

27. Tumukunde deposited sh. 800,000 in a commercial bank which offers an interest rate of 5% per annum.

(a) Calculate the interest gained after a period of 18 months. **(2marks)**

(b) How much amount would he have after the above period?

28. A mother is four times as old as her son. In 10 years' time, the difference in their ages will be 18 years.

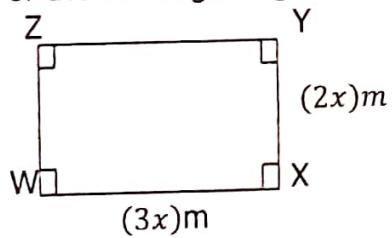
(a) How old is the son? **(2marks)**

(b) Workout the mother's age in 10 years' time. **(2marks)**

29. (a) Find the number whose standard form is given below.  
 $3.804 \times 10^3$  (2marks)

- (b) Given that  $2^5 \times 3^x = 288$ . Find the value of  $x$ . (2marks)

30. The area of the rectangular garden below is  $216\text{m}^2$ .



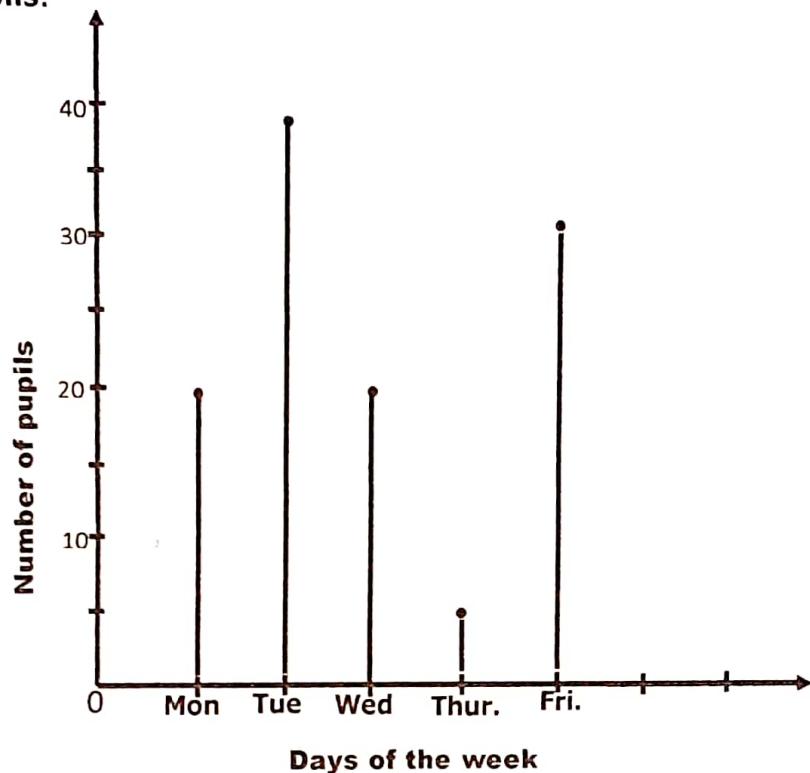
- (a) Find the value of  $x$ . (2marks)

(b) Calculate the total distance round the garden. (**2marks**)

31. (a) An electric pole is  $\frac{1}{5}$  in the mud, 10 metres in water and  $\frac{11}{20}$  above water.  
Find the length of the electric pole. (**3 marks**)

(b) A parent gave  $\frac{1}{3}$  of a cake to her three daughters and the rest to her sons.  
Each of the sons got  $\frac{1}{6}$  of the cake. Find the total number of children that  
received. (**3 marks**)

32. The graph below shows the number of pupils who were absent in a class of 50 pupils.



(a) How many pupils were absent on Monday? (**1 mark**)

(b) On which day of the week was the attendance best? (**1 mark**)

(c) Work out the average attendance during the week. (**3 marks**)

**END**



UGANDA NATIONAL EXAMINATIONS BOARD

PRIMARY LEAVING EXAMINATION  
2014

INTEGRATED SCIENCE

**Time Allowed: 2 hours 15 minutes**

Index No.

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Candidate's Name .....

Candidate's Signature .....

School Name .....

District Name .....

**Read the following instructions carefully:**

1. This 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 ink. Any work written in pencil other than, graphs, pictures and diagrams will **not** be marked.
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 question 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		
Total		

**SECTION A: 40 MARKS**

Questions 1 to 40 carry one mark each.

1. Which type of soil has rough and large particles ?

.....

2. In which state of matter does heat travel slowest ?

.....

3. To which class of levers does a wheelbarrow belong ?

.....

4. Apart from labour, give one other requirement for starting a livestock farm.

.....

5. What kind of accident requires the use of splints in giving the First Aid ?

.....

6. Give any one exotic breed of sheep kept for wool production.

.....

7. Which sexually transmitted disease can cause blindness in babies ?

.....

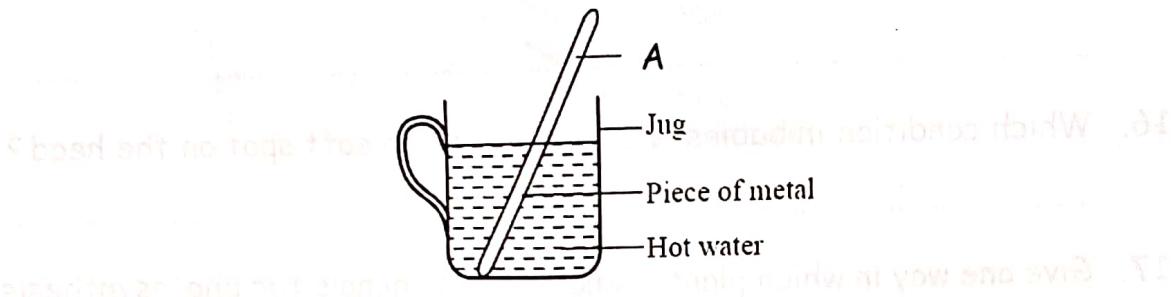
8. Name the human body organ that uses light energy for it to function.

.....

9. State one way in which echo can be reduced in a hall.

.....

10. The diagram below shows a piece of metal dipped in a jug containing hot water. *Use it to answer the question that follows.*



How does part A become hot yet it is not in the hot water ?

11. Give any one disadvantage of harvesting honey using fire.

12. How is the BCG vaccine different from the polio vaccine in the way they are given to children ?

13. Give one reason why washing of hands after visiting a latrine is a good practice.

14. Which process in plants has a similar function as sweating in humans ?

15. Apart from taking wrong dose, give one other way in which drugs are misused.

.....

.....

16. Which condition in babies is shown by sunken soft spot on the head?

.....

17. Give one way in which plants benefit from animals for photosynthesis.

.....

.....

18. How is sun-drying helpful in the preservation of food crops?

.....

.....

19. Why is water grouped under renewable resources?

.....

.....

20. Which mineral helps in the formation of red blood cells in the human body?

.....

.....

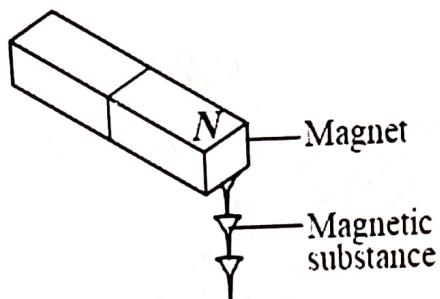
21. Apart from melting, state any one other physical change that takes place in the presence of heat.

.....

22. Name any one disease of rabbits that affects poultry birds.

.....

23. Name the method of making a magnet shown in the diagram below.



24. In which method of making water clean, do you first allow the impurities to settle at the bottom of the container ?

.....

25. Why does a coin thrown in a basin full of water appear to be nearer to the surface ?

.....

26. How is the reproduction in whales different from that of fish ?

.....

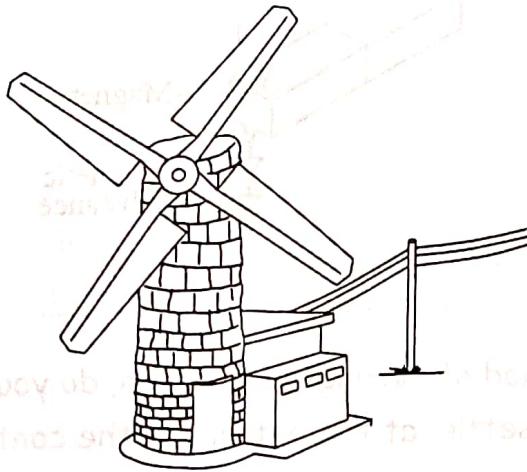
27. Why is it important for government to collect information on human health ?

.....

28. State any one piece of advice you would give to a person who suffers from indigestion.

.....

29. The diagram below shows how electricity is produced.  
Use it to answer the question that follows.



What source of energy is used to produce the electricity?

30. Why does paraffin settle on top when mixed with water?

31. Give any one way in which bacteria are useful to crop farmers.

32. Mention the group of birds to which a crested crane belongs.

33. Which disease is spread to humans by rats?

34. How is the function of the pulmonary vein different from that of other veins?

35. Which property of air enables you to drink soda using a straw?

36. Why do plane mirrors produce regular reflection of light?

37. What name is given to a meal containing all the food values in their right amounts?

38. State one way in which married couples can avoid HIV/AIDS among themselves.

39. Give one way in which the use of solar energy is good to our environment.

40. Apart from the number of body parts, state one other difference between Arachnids and insects.

## SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. (a) Name two poisonous substances found in tobacco.

(i) .....

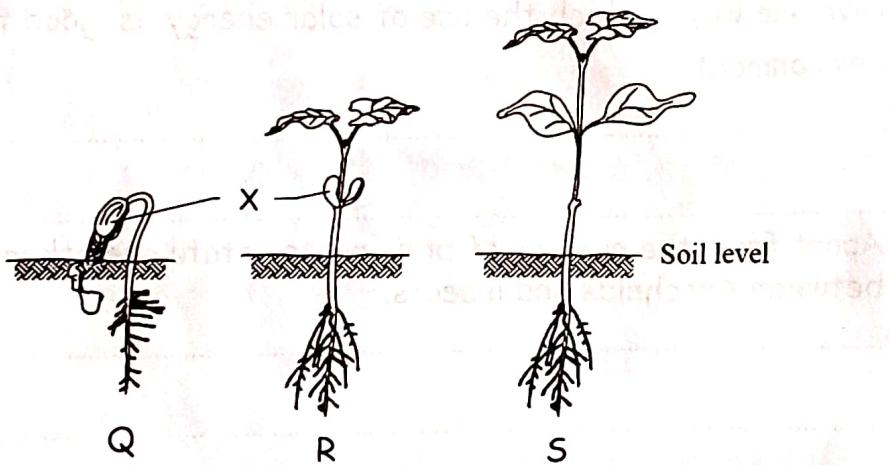
(ii) .....

(b) State any two effects of cigarette smoking by pregnant women to their unborn babies.

(i) .....

(ii) .....

42. In the diagram below, Q, R and S show the stages of germination of a seed. Study and use it to answer the questions that follow.



(a) Name the part marked X. ....

(b) How is the part marked X useful to the seedling at stage R?

.....

.....

(c) Why is the part marked X useless at stage S?

.....

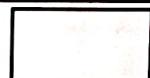
.....

(d) What type of germination is shown by the seed?

.....

43. The table below shows joints and their position in the human body. Study and complete it correctly.

Joints	Position in the body
Pivot joint.	Shoulder
.....	Knee
Suture joint.	.....



44. (a) State any two agents of soil erosion.

(i) .....

(ii) .....

(b) Give two ways in which soil erosion can be controlled in hilly areas.

(i) .....

(ii) .....

45. (a) What type of change takes place when an iron tool rusts ?

.....

(b) Give two conditions necessary for rusting to take place on an iron tool.

(i) .....

(ii) .....

(c) State any one effect of rusting on iron tools.

46. (a) Apart from egg eating, name any one other vice in poultry.

(b) Give any one cause of egg eating in poultry.

(c) State any two ways of preventing the egg eating vice in poultry.

(i)

.....

.....

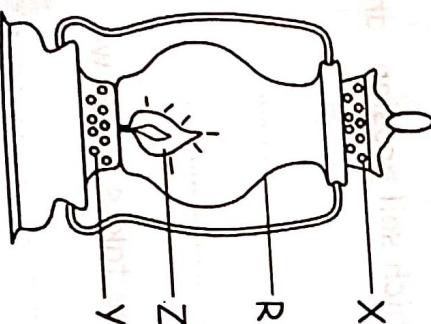
(ii)

.....

.....

47. The diagram below shows a kerosene lamp.

*Study and use it to answer the questions that follow.*



(a) Name the part marked with letter Z.

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

(b) Why is the part marked R made of glass?

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

(c) Give the importance of the parts marked X and Y when the lamp is in use.

(i) X .....

(ii) Y .....

48. (a) Name the group of crops that are harvested year after year.

(b) Give any two examples of crops that belong to the group you have named in (a) above.

(i) .....

(ii) .....

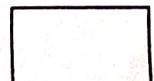
(c) State one way in which the above crops are harvested.

49. The table below shows a group of animals in A with their respiratory organs in B.

A	B
Tilapia	Moist skin
Mosquito	Lungs
Frog	Gills
Dog	Spiracles

Write against each animal below, its respiratory organ from B.

- (i) Tilapia .....
- (ii) Mosquito .....
- (iii) Frog .....
- (iv) Dog .....

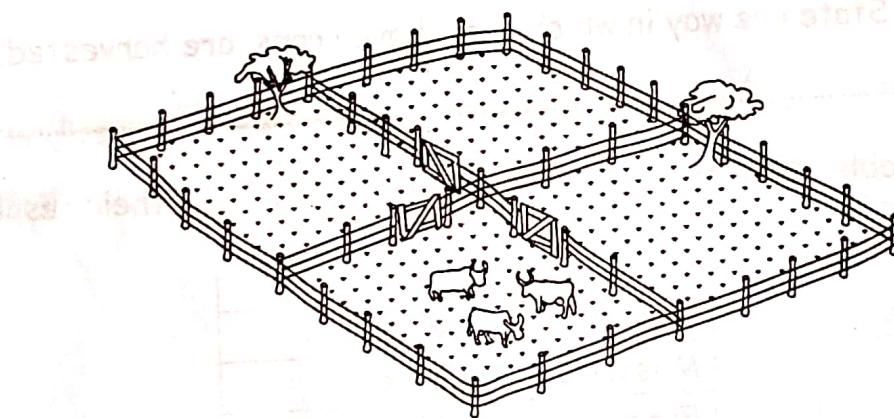


50. (a) In the human reproductive system, state where each of the following processes take place:

- (i) Implantation .....
- (ii) Production of sperms .....
- (iii) Production of female hormones.

(b) Give any one use of the placenta to the foetus during pregnancy.

51. The diagram below shows a system of grazing cattle.  
Study and use it to answer the questions that follow.



(a) Name the system of grazing cattle shown in the diagram above.

(b) Besides restricting the animals, give two other advantages of this system of grazing cattle.

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

(c) State any one disadvantage of the system of grazing cattle shown in the diagram.

.....  
.....

52. (a) Give two ways in which Primary Health Care (PHC) is an important programme in the community.

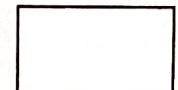
(i) .....

(ii) .....

(b) State any two roles of a school health committee.

(i) .....

(ii) .....



53. (a) What name is given to the practice of growing crops and trees together on the same piece of land ?

.....

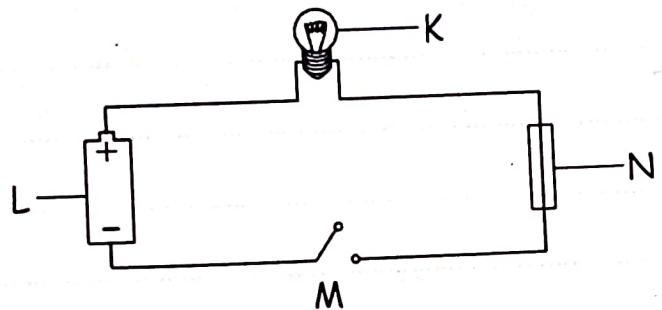
(b) State any two ways in which crops benefit from trees when they are grown together.

(i) .....

(ii) .....

- (c) Give any one proper method of harvesting trees in the practice named in (a) above.

54. Study the diagram of an electric circuit below and use it to answer the questions that follow.



(a) Name the parts marked K and N.

(i) K .....

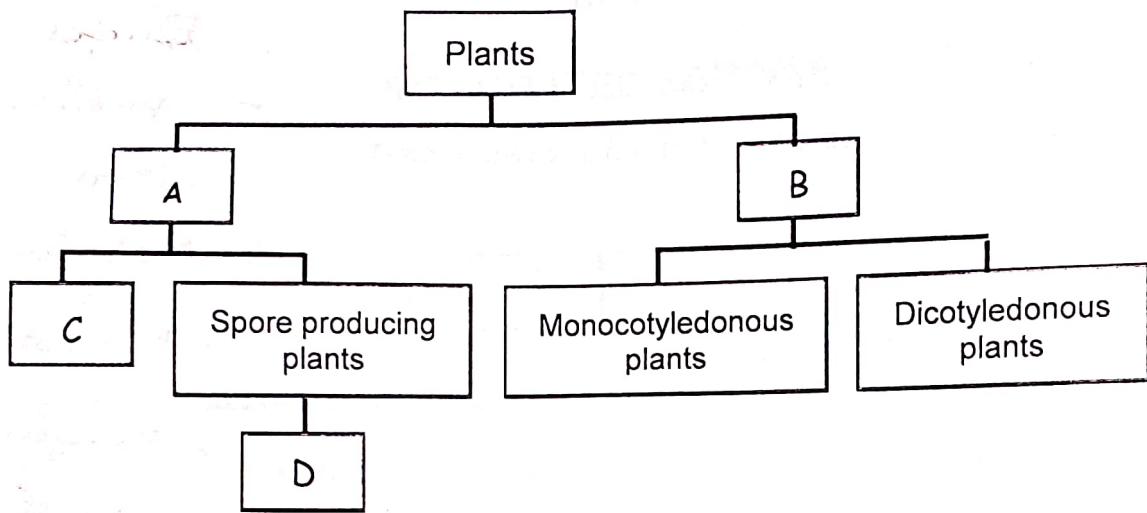
(ii) N .....

(b) State the energy change that takes place at L when M is closed.

(c) Give any one form of energy produced at K when M is closed.

55. The table below shows classification of plants.

Study it carefully and use it to answer the questions that follow.



(a) Name the group of plants shown by the following letters:

(i) A .....

(ii) B .....

(iii) C .....

(b) Give any one plant that belongs to the box labelled D.

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