



HILLSIDE PRIMARY SCHOOL  
BEGINNING OF TERM THREE EXAMINATIONS  
2023  
ENGLISH (SET EIGHT)

Time Allowed: 2 Hours 15 Minutes

Index No.

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Candidate's Name..... Stream.....

Candidate's Signature.....

EMIS No.....

District Name.....

**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: (50 Marks)**

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

### **Sub-section I**

*In questions 1 to 5, fill in the blank spaces with the suitable words.*

1. The baby has been crying.....morning.
2. ....you feed the cows well, they will not produce much milk.
3. How often.....you brush your teeth?
4. I bought two pens but.....of them works.
5. Jascent is.....honourable Member of Parliament for Gomba East

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

6. Oondo walked to school .....than his friend.(hurry)
7. I wonder why some dogs usually bite.....tails. (they)
8. We feel.....today than we did yesterday. (well)
9. Asiumwe visits his grandparents.....a year.(three)
10. Which is the correct .....of the word "ewe"?  
(pronounce)
11. Joan said that she likes to marry .....national.(Rwanda)
12. The.....helped the invigilators to check the candidates. (supervise)
13. That is the police officer to whom I reported the .....of my DVD player. (thief)
14. You will be.....by those bees if you disturb them.(sting)
15. If you write....., you will lose marks. (care)

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

16. die

.....  
.....

17. dye

.....  
.....

In questions **18 and 19**, arrange the given words alphabetically.

18. Hamza, John, Ali, Kenny

.....  
.....

19. bank, bakery, basket, barracks

.....  
.....

In questions **20 and 21**, rewrite the sentence giving the opposite form of the underlined word.

20. Did your team lose the football match?

.....  
.....

21. His nephew is a dentist in Mengo Hospital

.....  
.....

In each of the questions **22 and 23**, write the given short forms in full.

22. Sept: .....

23. Tel .....

*In questions 24 and 55, give the plural form of the given words.*

24. a lady's dress.....  
25. ferry.....

*In each of the questions 26 and 27, rearrange the following words to make a correct sentence.*

26. for saw A wood is cutting used.

.....  
.....

27. a picture What drawn has she beautiful!

.....  
.....

*In questions 28 and 30, rewrite the sentence giving one word for the underlined word.*

28. Some of our perfects are not disciplined.

.....  
.....

29. Peter did not agree to my argument.

.....  
.....

30. The letter he wrote was not tidy.

.....  
.....

*In questions 31 to 50, rewrite the sentences as instructed in brackets.*

31. Despite the fact that I was unwell, I went to school  
(Rewrite the sentence using: ..... although.....)

.....  
.....

32. We expect to write PLE in November.

(Re-write the sentence using: .....looking forward.....)

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

33. Mary drank some water before she went for lunch.

(Rewrite the sentence beginning: By the time.....)

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

34. Farmers are very important. Teachers are very important.

(Join the sentences using: .....as well as.....)

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

35. A motorcyclist knocked me immediately I came out of the building.

(Rewrite the sentence beginning: No sooner .....

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

36. The police needn't have tortured the suspects.

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

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

37. "I have done all my assignments," said Winnie.

(Rewrite the sentence beginning: Winnie said .....

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

38. If we don't revise seriously, we shall not pass this examination.

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

.....  
.....

39. Banjo is very young. He cannot go to market alone.

(Join the sentences using: .....enough.....)

.....  
.....

40. People wear light clothes during hot weather.

(Rewrite the sentence beginning: Light clothes.....)

.....  
.....

41. Your friend can play football very well.

(Rewrite the sentence beginning: A friend.....)

.....  
.....

42. It is very dangerous to move at night.

(Re-write the sentence ending: .....dangerous)

.....  
.....

43. I read a very interesting article.

(Rewrite the sentence beginning: What .....

.....  
.....

44. Kato is taller than Waiswa. (Rewrite the sentence using: .....not as.....)

.....  
.....

45. There is no girl who is the sentence smarter than Allen in our class.

(Rewrite the sentence beginning: Allen is the .....)

.....  
.....

46. The minister's dog bit a child. He reported the matter to nearby police station.

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

.....  
.....

47. My father always goes to the village. My mother takes care of the family.

(Rewrite the sentence beginning: Whenever.....)

.....  
.....

48. Shanita missed her flight because she reached the airport late.

(Rewrite the sentence beginning: Had.....)

.....  
.....

49. Osiru managed to spell all the words correctly.

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

.....  
.....

50. Makula started working in Serena Hotel in 2003.

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

.....  
.....

## **SECTION B: (50 MARKS)**

*(Questions 51 to 55 carry 10 marks each)*

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

There are many things that we can do to conserve the environment. Some are things that are encouraged by the government and others we can do ourselves. Deforestation is the major threat to the environment as it can leave the land bare causing soil erosion.

People can help to reduce the effects of deforestation by planting new tree. If a new tree is planted each time and an old is cut down, the balance will be maintained. In Uganda, many trees and forest have been cut down over the years. Therefore, we need to plant many trees.

The drainage of swamps can also damage the environment. These swamps are found in low lying area. They help to keep the climate cool and can be used for water supplies for farming during the dry season. We should therefore conserve the swamps and their natural vegetation.

Soil erosion is another threat which occurs after deforestation, land clearing and poor farming methods. To control soil erosion on hilly areas, we should dig terraces so that soil doesn't run down and after the heavy rainfall.

- a) According to the passage, why is deforestation a threat?

.....  
.....

b) How can the effects of deforestation be reduced?

.....

c) Where are swamps found according to the passage?

.....

d) Why should one conserve swamps?

.....

e) What is the major cause of soil erosion?

.....

f) How can soil erosion be controlled in hilly areas?

.....

g) Give a word or group of words to mean the same as the underlined words in the passage.

(i) deforestation .....

(ii) swamps .....

h) What does the writer encourage people to conserve in the passage?

.....

i) Suggest a suitable title to the passage.

.....

52. A) The table below shows Bulaga's weekly shopping programme. Study it carefully and answer the questions that follow.

Days	Items	Sugar	Milk	Rice	Beef	Chicken
Sun	I	X	X	X		X
Mon	II		X		X	
Tue	III		X			
Wed	IV		X			X
Thur	V		X	X	X	X
Fri	VI		X			
Sat	VII		X	X		X



Item shopped



Item not shopped

a) What is the table about?

.....  
.....

b) How often does Bulaga carry out his shopping?

.....  
.....

c) Which item is bought throughout the week?

.....  
.....

d) Why do you think Bulaga buys that item above daily?

.....  
.....

e) When is sugar usually bought according to the table?

.....  
.....

- B. Study the bank-in-slip and answer in full sentences the questions that follow.

**School copy**

**LEGACY COLLEGE SCOOOL**

P.O.Box 28699, Mityana

CENTENARY BANK

MITYANA BRANCH

A/CNO.9010303372

NAME: OKELLO PETER

CLASS: P4

Term: II Date: 6.7.2023

NOTES	AMOUNT
50,000/=	100,000/=
20,000/=	60,000/=
10,000/=	40,000/=
5,000/=	
2,000/=	
1,000/=	
Bank charges	2,000/=
<b>TOTAL</b>	<b>202,000/=</b>

Amount in words: Two hundred two thousand shillings

Paid by: ETYANG JANE

Sign: Etyang Jane

a) Whose school fees was being paid?

.....  
.....

b) When was the school fees paid?

.....  
.....

c) For which school is the bank pay-in slip shown above?

.....

.....

d) How much money was deposited as fees according to the bank slip above?

.....

.....

53. The information below was pinned at the gate of Wambuzi Junior School – Katooke. Study it carefully and answer in full sentences the questions that follow.

DEBATE	DEBATE
<b>MOTION:</b>	Primary School Studentes Should Possess Mobile Phones while at School
<b>PROPOSERS:</b>	Modern Era Primary School
<b>OPPOSERS:</b>	Takajjunge Primary School – Mukono
<b>VENUE:</b>	Meta Town Hall
<b>DATE:</b>	Fri 10th July, 2023
<b>TIME:</b>	2:00pm – 4:10pm
<b>NOTE:</b>	A free soda will be given to all good speakers

a) What is the information about?

.....

.....

b) Which school debated in favour of the motion?

.....

.....

c) How long will the debate held?

.....  
.....

d) Why do you think many people might have tried to speak during the debate?

.....  
.....

e) When did the debate take place?

.....  
.....

f) What is the motion of the debate?

.....  
.....

g) Who will be in support of the motion?

.....  
.....

h) Where did the information appear?

.....  
.....

i) At what time did the debate end?

.....  
.....

j) Give another word to mean “motion” as used in the notice.

.....  
.....

54. Read the poem below and in full sentences, answer the questions that follow.

Newspapers! Newspapers!  
Published daily, weekly and monthly  
Covering all events of the day  
Be good or bad  
Containing all life stories  
Politics, sports, business and fashion.

Newspapers! Newspapers!  
A big bold printed headline.  
Appears on the front page  
To attract newspaper readers  
And the back page  
With News for sports lovers.

Newspapers! Newspapers!  
Found everywhere  
Read by the old and the young  
Pictures and adverts  
Puzzles, editorials and cartoons.  
Make the newspapers very interesting.

Kakuru Ronal (P.7E)

a) What is the poem about?

.....  
.....

b) How often are newspapers published?

.....  
.....

c) Why are the headlines printed in bold letters according to the poem?

.....  
.....

d) Where is the sports news printed in a newspaper?

.....  
.....

e) Which people read newspapers?

.....  
.....

f) Whom do you think is more interested in Reading the back page?

.....  
.....

g) How many stanzas are in the poem?

.....  
.....

h) By whom was the poem above written?

.....  
.....

i) Which stanza talks about pictures and adverts?

.....  
.....

j) Suggest a suitable title for the above poem.

.....  
.....

55. Write a letter to your parent or guardian thanking him or her for supporting you since you began school, taking care of you, paying school fees and buying for you all the required items to school. Promise him/her that you will reward him/her by working hard in order to excel in the final examinations. Use your school address.



HILLSIDE PRIMARY SCHOOL  
**BEGINNING OF TERM THREE EXAMINATIONS**

2023

**SOCIAL STUDIES WITH RELIGIOUS EDUCATION (SET EIGHT)**

*Time Allowed: 2 Hours 15 Minutes*

**Index No.**

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31- 40		
41- 43		
44- 46		
47- 49		
50- 52		
53- 55		
<b>TOTAL</b>		

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

**(Questions 1 to 40 carry one mark each)**

**1. Mention any one element of a good map.**

.....

**2. Give any one importance of a school flag.**

.....

**3. How is Africa unique from other continents?**

.....  
.....

**4. Give any one way lakes promote crop growing.**

.....  
.....

**5. Why is Lake Victoria called inter-territorial lake?**

.....  
.....

**6. Mention any one Island district in Uganda.**

.....

**7. Which climatic zone favours citrus fruits growing?**

.....

**8. Give one way phosphates are useful to farmers.**

.....  
.....

**9. Name the school symbol which helps to locate a school?**

.....

**10. What is meant by the term child abuse?**

.....  
.....

11. How does R.Nile promote industrialization in East Africa?

.....

.....

12. Why should the school authorities know the number of pupils?

.....

.....

13. Give any one positive effect of the coming of Indians to Uganda.

.....

.....

14. What was the main cause of Lamogi rebellion?

.....

15. Write OAU in full.

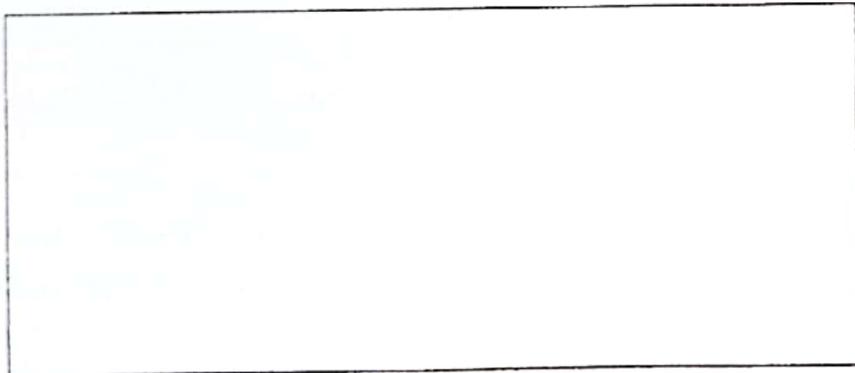
.....

16. How does swamp drainage affect climate of an area?

.....

.....

17. Draw a map symbol of a hill in the space below.



11. How does R.Nile promote industrialization in East Africa?

.....

12. Why should the school authorities know the number of pupils?

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13. Give any one positive effect of the coming of Indians to Uganda.

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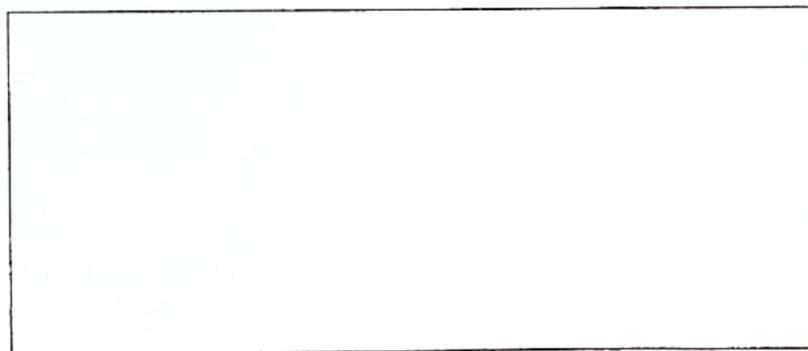
15. Write OAU in full.

.....

16. How does swamp drainage affect climate of an area?

.....

17. Draw a map symbol of a hill in the space below.



18. State the difference between Atlas Mountains and Mt.Rwenzori in terms of formation.

.....  
.....

19. What is a by-election?

.....  
.....

20. Mention the compass direction directly opposite North West.

.....

21. Give the benefit of East Africa Development Bank (EADB) to member states.

.....  
.....

22. What is agriculture mechanization?

.....  
.....

23. Which constitution abolished all cultural institutions in Uganda?

.....

24. Name the Stone Age site famous for rock paintings.

.....

25. Give one advantage Newspapers have over Radios.

.....  
.....

26. Nakku is facing South in the morning. Which hand side is her shadow?

.....

27. How was the tool below useful to early man?



28. Mention the enclave country in Africa.

.....  
29. Which group of people solved the problem of labour shortage during the construction of the Uganda Railway?

.....  
30. What is latitude?

.....  
31. Why is Kabale cooler than Masaka?

.....  
32. State any one importance of no-traditional cash crops.

.....  
33. It is 10:30a.m at  $0^{\circ}$ . What is the time at  $45^{\circ}$  East?

.....  
34. How can crop growing be made possible in a dry area?

.....  
35. Write down any one example of a plantation crop.

**For questions 36-40, answer either Christianity or Islamic but not both.**

**36. Either:** Write down any one result of sin.

.....  
Or: Write down any one result of sin.

**37. Either:** Name the earthly father of Jesus.

.....  
Or: Name the father of Prophet Muhammad.

**38. Either:** Why was Jesus' message rejected in Nazareth?

.....  
Or: Why was Prophet Muhammad commandment in the Bible.

**39. Either:** Name the first greatest commandment in the Bible.

.....  
Or: Name the first pillar of Islamic practice.

**40. Either:** Why did God send prophets to people?

.....  
Or: Why did Allah send Prophets to people?

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

(Questions 41 to 55 carry four marks each)

41. a) What is an ethnic group?

.....  
.....

b) Give any two reasons for Bantu migration to East Africa.

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

c) Mention the last Bantu group to enter East Africa.

.....

42. a) Why was the Berlin conference held between 1884 to 1885?

.....  
.....

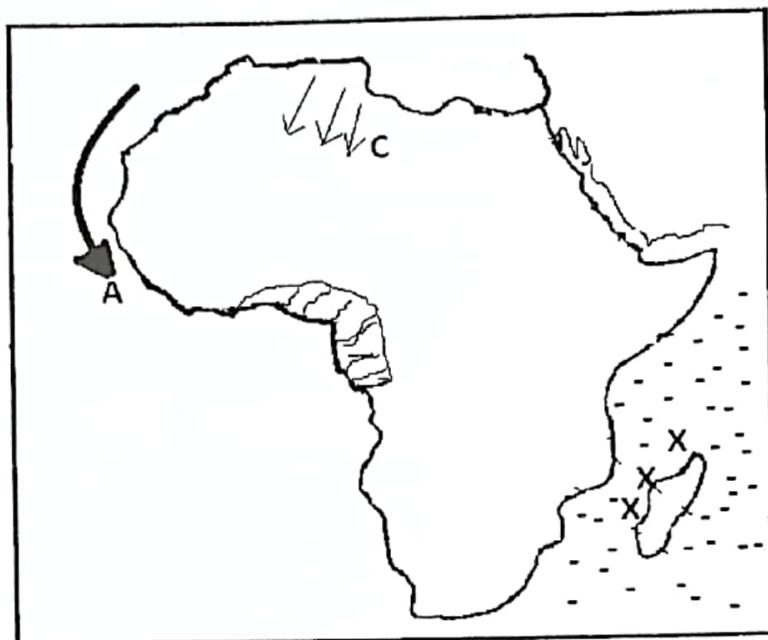
b) Mention any two countries that attended the Berlin Conference?

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

c) How did the Berlin conference affect the African continent?

.....  
.....

43. Study the map of Africa and answer questions about it.



a) Name the ocean current marked A.

b) Which vegetation zone is shaded on.... the map?

c) State the winds marked C.

d) Name the water channel marked XXX.

44. a) Write EAC in full.

b) State any two reasons why Rwanda joined EAC.

i) .....

ii) .....

c) Mention any one organ of EAC.

**45. a) Which vegetation zone covers the largest part of Uganda?**

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

**b) Mention any two economic activities carried out in the temperature region of Africa.**

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

**c) Why do trees in tropical rain forests grow very tall?**

.....

**46. Match correctly.**

**List A**

Wattle trees

Cotton

Cloves

Pyrethrum

**List B**

Insecticides

Food favours

Tannin

Threads

a) Wattle trees .....

b) Cotton .....

c) Cloves .....

d) Pyrethrum .....

**47. a) What is a National election?**

.....

.....

**b) Which body organizes elections in Uganda?**

.....

.....

**c) Mention any two forms of election malpractices.**

i) .....

ii) .....

48. a) Which term is used to mean the composition of people according to age and sex?

.....

b) Give any two reasons why the government carries out census after every ten years.

i) .....

ii) .....

c) Write UBOS in full.

.....

49. a) What are multi-purpose river projects?

.....

b) Name the multi-purpose river project on the following rivers.

i. R.Zambezi

.....

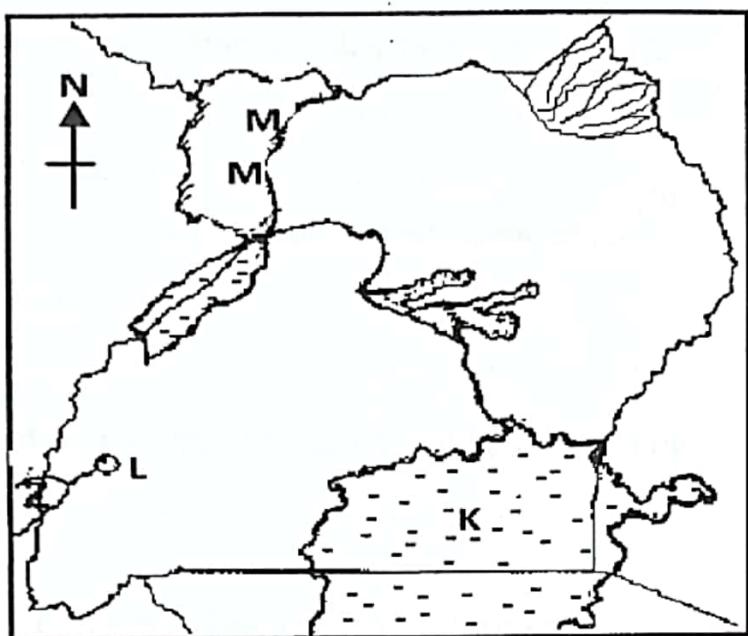
ii. R.Niger

.....

iii. R.Volta

.....

50. Study the map of Uganda and use it to answer the questions below;



a) Why is the shaded region dry?

.....

b) Which cash crop is mainly grown in area marked **MM**?

i) .....

ii) .....

c) How is the formation of Lake K different from that of Lake L.

.....

d) Draw the line of equator on the map above.

.....

**For questions 53 to 55, answer either Christianity or Islamic but not both.**

**51. Either:** a) State any two reasons why Jesus performed miracles.

i) .....

ii) .....

(b) Mention any two people Jesus raised back to life.

i) .....

ii) .....

**Or:** a) State any two reasons why Prophet Mohammed performed miracles.

i) .....

ii) .....

b) Mention any two miracles prophet Mohammed performed.

i) .....

ii) .....

**52. Either:** a) Name the mountain where Moses saw a burning bush.

.....

b) Give any two reasons why God chose Moses to rescue the Israelites.

i) .....

ii) .....

c) Who was the wife of Moses?

.....

OR: a) Name the mountain where Musa saw a burning bush.

.....

b) Give any two reasons why God chose Musa to rescue the Israelites.

i) .....

ii) .....

c) Who was the wife of Prophet Musa?

.....

**53. Or:** a) Who is an apostle?

.....

b) Mention the first two apostles of Jesus Christ.

i) .....

ii) .....

c) Why did Jesus need apostles?

.....

**Or:** a) Who is a caliph?

.....

b) Mention any two caliphs of Prophet Muhammad.

i. .....

ii. .....

c) Why did Prophet Muhammad need caliphs?

.....

**54. Either:** a) How did the following people disobey God?

(i) Adam

.....

(ii) Noah

.....

(iii) Moses

.....

(iv) Judas Iscario

.....

**Or:** a) How did the following people disobey Allah?

(i) Adam

(ii) Nuuuhu

(iii) Musa

(iv) Iblis

55. Either: What is success?

b) Mention any two things that show success among Christians.

i.

ii.

c) State any one thing that Christians should not consider as success.

**Or:** What is success?

b) Mention any two things that show success among Muslims.

i.

ii.

d) State any one thing that Muslims should not consider as success.



HILLSIDE PRIMARY SCHOOL

# BEGINNING OF TERM THREE EXAMINATIONS

2023

INTEGRATED SCIENCE (SET EIGHT)

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<b>TOTAL</b>		

Use the diagram below to answer the questions that follow.



9. How useful is part X to the organism above?

.....

10. Mention the mineral salt lacking in breast milk.

.....

11. Name the body organ that is responsible for removing sweat from the body.

.....

.....

12. A bicycle moves. Why is it not grouped under living things?

.....

.....

13. Give one example of manure.

.....

.....

14. How does bacteria reproduce?

.....

.....

15. Of what use is the hooked beak to a bird of prey?

.....  
.....

16. Apart from animal kingdom, give one other kingdom of living things.

.....  
.....

17. State one way of making water safe for drinking.

.....  
.....

18. Which component of air occupies the largest percentage in the atmosphere?

.....  
.....

19. Give the meaning of the term poultry.

.....  
.....

20. How are feathers useful to a bird?

.....  
.....

Below is a diagram showing a burning candle. Use it to answer the questions that follow.



21. Name one form of energy produced at X.

.....  
.....

22. Give **one** danger of energy produced at X.

.....

23. Why does a fish die when it has been removed from water?

.....  
.....

24. State one use of weeds to a farmer.

.....

25. What type of skeleton does a dog have?

.....

26. State one example of a food taboo in the community.

.....

27. Name the component of blood that is destroyed by sickle cells.

.....

28. Of what use is the washing of hands with clean water and soap?

.....

29. A leaf falls from a tree. Name the force that enables a leaf to fall from a tree.

.....

Below is a type of a compound leaf. Use it to answer the questions that follow.



30. Name the type of compound leaf shown above.

.....  
.....

31. Mention the form of energy produced by a working drycell.

.....

32. State one adaptation of capillaries to their function.

.....  
.....

33. Where are images formed in a pinhole camera?

.....  
.....

34. Under what group of flowering plants does a maize plant belong?

.....

35. A stone has a mass of 8g and a volume of 4cc. Calculate its density.

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

36. Why is rainfall measured in millimeters?

.....  
.....

37. Mention the type bee that is commonly seen around flowers.

.....

38. How useful are earthworms in the soil?

.....

39. Give an example of a natural magnet.

.....  
.....

40. Why are plants grouped under renewable resources?

.....  
.....

## **SECTION B**

41. (a) What is soil erosion?

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

(b) Mention the living agent of soil erosion you know.

.....

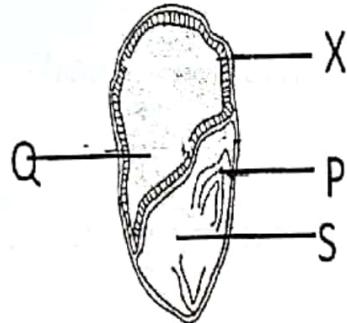
(c) State one cause of soil erosion.

.....

d) How can a farmer control soil erosion in the garden?

.....

42. The diagram below shows part of a maize grain. Use it to answer the questions that follow.



(a) Name the part marked with letter Q.

.....

(b) What plant system does P develop into?

.....

(c) State the use of part S

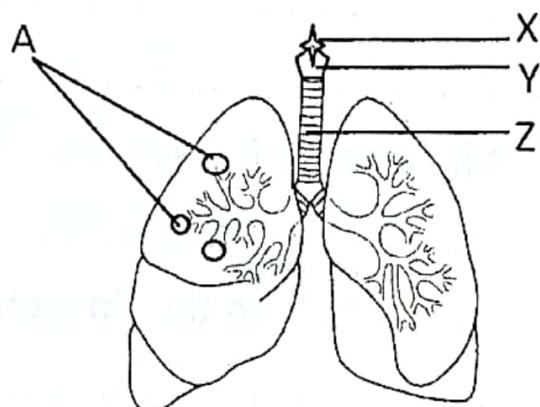
.....

(d) What type of germination does a maize grain undergo?

.....

.....

43. The diagram below shows part of the lungs. Use it to answer the questions that follow.



a) Name part labeled Y.

.....

(b) State the use of part X.

.....

(c) Why is part Z able to remain open at all times?

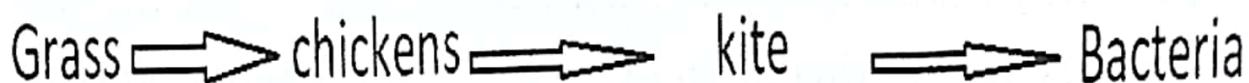
.....

.....

d) Name any one disease that affects the above organ

.....

44. Below is a flow chart. Use it to answer the questions that follow.



a) What scientific term is given to the flow of chart above?

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

c) Where does grass get its energy from?

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

45(a) What is a resource?

.....  
.....

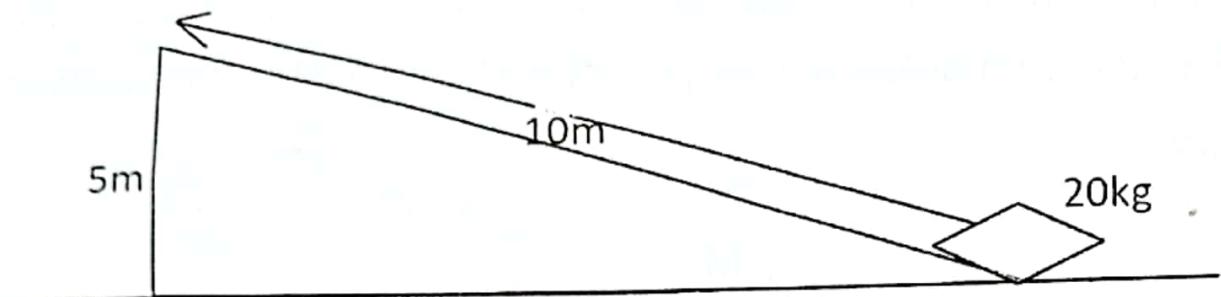
b) Give one example of a non living resource that is renewable.

.....  
.....

c) Give any two uses of plants as energy resources.

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

46. The diagram below is of a simple machine. Use it to answer the questions that follow.



a) Identify the simple machine shown above.

.....  
.....

b) Through which distance does the;

- (i) load move.....  
(ii) Effort move.....

(c) What can be done to use less effort while using the machine above?

.....  
.....

47. (a)What are essential drugs?

.....  
.....

(b) State two characteristics of essential drugs?

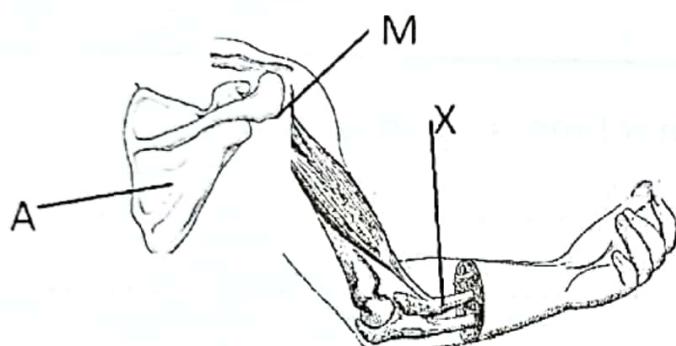
.....

(c) Give one danger of buying drugs from shops.

.....

.....

48. The diagram below shows part of a skeleton. Use it to answer the questions.



a) Name bone A.

.....

(b) Give a difference between the movement of joint M from joint Z.

(i) .....

(ii) .....

c) With an arrow and letter P, indicate on the diagram above the position of humerus.

d) In which way is part M similar to oil in cars?

.....

.....

49 (a) Give two accidents that commonly take place in our homes.

.....  
.....

(b) Give two reasons why people give first aid.

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

50. (a) What is personal hygiene?

.....

(b) How useful are the following in the promotion of personal hygiene?

- i) sponge.....  
ii) clean water .....

(c) State the special food the queen bee if feed on.

.....

51.(a)What is apiculture?

.....  
.....

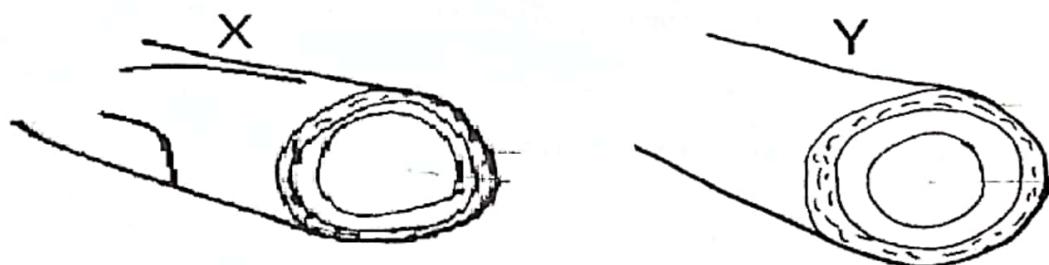
(b) Give two reasons why people keep bees.

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

(c) Name the special food the queen bee is fed on.

.....

52. The diagram below shows blood vessels. Use it to answer the questions that follow.



a) Identify blood vessels X and Y.

- i) X.....
- ii) Y.....

b) Give **one** structural difference between vessel X and blood vessel Y.

.....

.....

c) Mention the structure present in blood vessel Y that prevent back flow of blood.

.....

.....

**53. Match the type of electricity in A and the source in B.**

**List A**

- i) Nuclear electricity
- ii) Hydro electricity
- iii) Solar electricity
- iv) Thermal electricity

**list B**

- The sun
- Uranium
- Burning fossil fuels
- Fast flowing water

(i).....

(ii).....

**(b) Suggest any two ways of preventing food contamination..**

(i).....

.....

(ii) .....

.....

**54. What is seed dispersal?**

.....

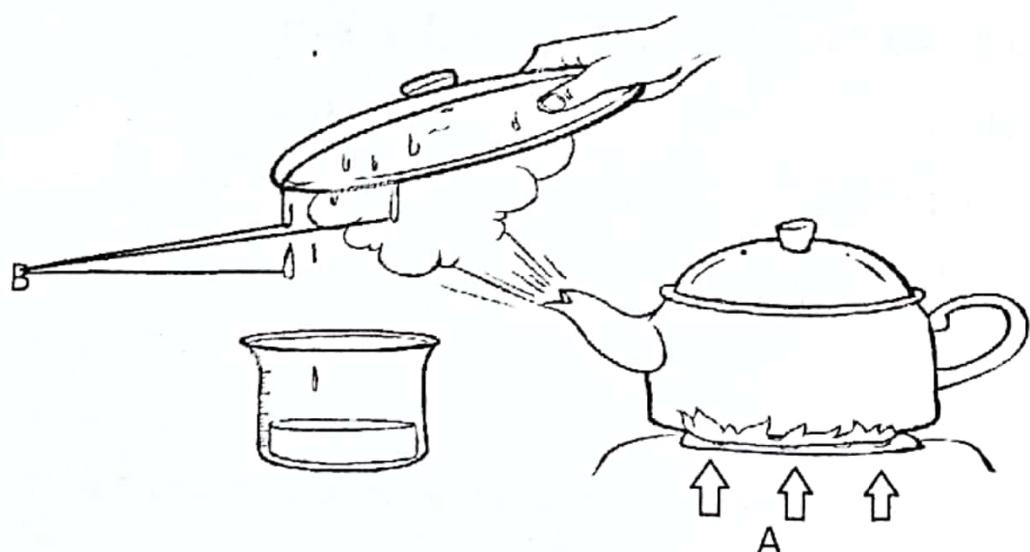
**b) State any two types of seed dispersal.**

.....

**c) Give one characteristic of the seeds dispersed by animals.**

.....

55. Below is a natural process taking place in the diagram. Use it to answer the questions that follow



a) Identify the natural process taking place in the diagram.

.....

b) What do the following represent in the diagram above.

A .....

B .....

c) Mention the source of heat in the diagram above.

.....



HILLSIDE PRIMARY SCHOOL-NAALYA

## BEGINNING OF TERM THREE EXAMINATIONS

2023

MATHEMATICS (Set Eight)

*Time Allowed: 2 Hours 30 Minutes*

Index No.

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Candidate's Name.....

Candidate's Signature.....

EMIS No..... Stream .....

District .....

### Read the following instructions carefully:

1. The paper has two sections: A and B. Section A has 20 questions and section B has 12 questions. The paper has 12 pages altogether.
2. All 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 ink or fountain pen. Any work done in pencils other than graphs and diagrams will not be marked.
4. No calculators are allowed in the examination room.
5. Unnecessary alterations/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:  
**"For Examiners' Use Only."**

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		
<b>TOTAL</b>		

## **SECTION A: 40 Marks**

*Answer all the questions in this section  
Questions 1 to 20 carry two marks each*

1. Subtract:

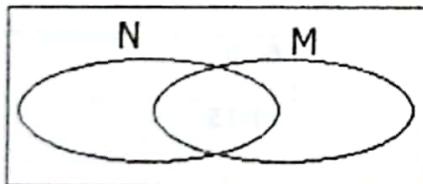
$$\begin{array}{r} 5 \ 9 \ 7 \\ - 3 \ 5 \ 3 \\ \hline \end{array}$$

2. Write **forty five thousand forty four** in figures.

3. Write the next **two** numbers in the sequence.

1, 3, 6, 10, ..... , .....

4. Shade (MUN)' on the Venn diagram



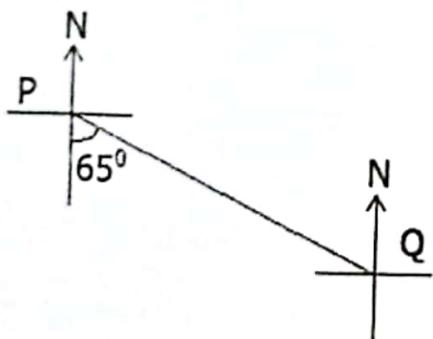
5. Use distributive property to work out.

$$(55 \times 10) - (44 \times 10)$$

6. A motorist covers a distance of 180km in  $4\frac{1}{2}$  hours. At what speed was he moving?

7. Solve for x.  $x - 3 = 4$

8. Find the bearing of Q from P in the diagram below.



9. How many half litre bottles can fill a 10 litre jerrycan?

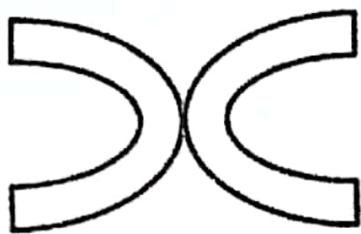
10. If set A = {c, a, t}. How many subsets can be got from set A?

11. Simplify:  ${}^74 - {}^73$

12. The Greatest common Factor of two numbers is 6 and their lowest common multiple is 360. If one of the numbers is 30, find the second number.

13. Work out:  $\frac{3}{4} - \frac{1}{5}$

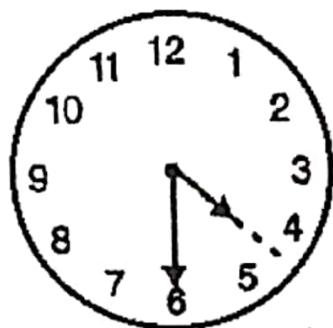
14. Draw all the lines of folding symmetry in the figure below.



15. Jonah is twice as old as Jonie. The difference in their age is 20 years.  
How old is Jonah?

16. Change  $13_{\text{ten}}$  to binary base.

17. Write the evening time shown on the clock face below.



18. Using a ruler and a pair of compasses only, construct an angle of  $60^{\circ}$ .



19. A nurse's salary was increased from sh. 500,000 to sh. 600,000. find the percentages increase.

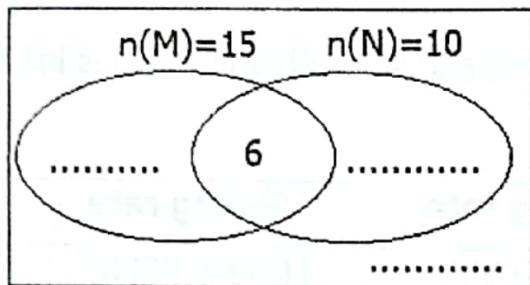
20. Expand 893 using powers of ten.

## SECTION: B (60 MARKS)

21. Given that  $n(M \cup N)' = x$ ,  $n(\varepsilon) = 23$ ,  $n(M \cap N) = 6$ ,  $n(N) = 10$  and  $n(M) = 15$ .

- a) Use the given information above to complete the Venn diagram below. (3marks)

$$n(\varepsilon) = 23$$



- b) How many members are in set (MUN) complement?

22. Given the number 9346, use it to answer the questions that follow.

- a) Identify the **place value** of the last digit in the number above.

(1 mark)

(column 1)

- b) Write the above number in words.

(2 marks)

.....  
.....

- c) Work out the sum of the value of 9 and the place value of 4 in the above number. (3 marks)

23. The rates at which the bank buys and sells other currencies in Uganda are as below.

Currency	Buying rate	Selling rate
Pound sterling (£1)	Ug.sh. 4000	Ug.sh. 4200
Us dollar (\$1)	Ug.sh. 3060	Ug.sh. 3100
Kenya sh. (Ksh.1)	Ug.sh. 25	Ug.sh. 30

- a) If a trader had \$ 430 and Ksh.20, how much money did he have in Uganda shillings? (3 marks)
- b) The trader bought a radio at Ugh. 168,000. How many pound sterlings did he pay? (2 marks)

24. In Kanoni P/s bells for lower and upper Primary are rung every after 30minutes and 40 minutes respectively for lessons to begin.

a) After how long will the two bells ring together again? (4 marks)

d) If they rung for the third time at 2:00p.m. at what time did the two bells ring for the second time. (2 marks)

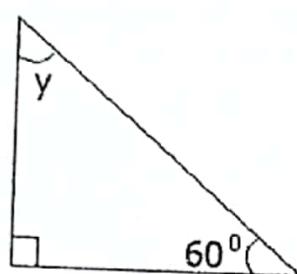
25. Given that  $p = 5$ ,  $q = 3$  and  $h = 2$ . Find the value of;

a)  $phq$  (2 marks)

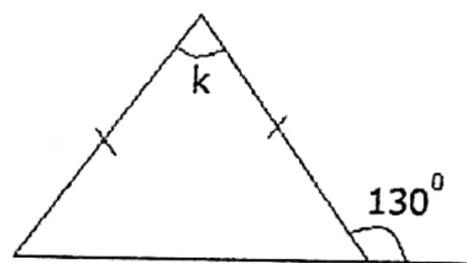
b)  $\frac{3p-6h}{q}$  (2 marks)

26. Use the figure below to find the value of the unknowns. (2 marks @)

a)



b)



27. In a village,  $\frac{1}{3}$  of the population are children, 25% of the remaining population are male adults. The rest of the population are female adults.

a) What fraction of the population are female adults? (3marks)

- b) If there 150 female adults, what is the total number of people in that village? (2 marks)

28.a) Work out:  $\frac{0.24 \times 0.3}{0.06}$  (3 marks)

b) Simplify:  $\frac{1}{2} - \frac{1}{3} + \frac{1}{4}$  (2 marks)

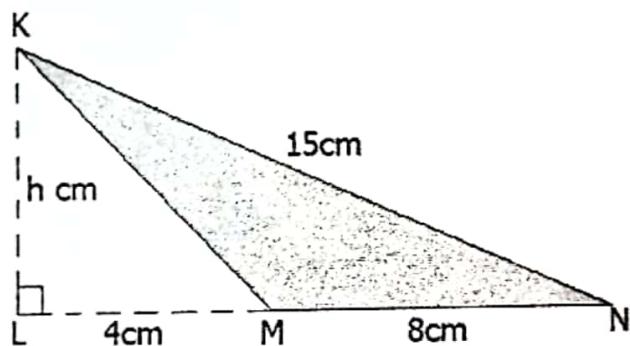
29. Using a ruler, a sharp pencil and a pair of compasses only, construct a quadrilateral ABCD where AB is parallel to CD. Line AB = 7cm, AD = 5cm, angle ABC =  $45^{\circ}$  and AD is perpendicular to AB. (4 marks)

30. A tax driver uses 10 litres of petrol for every 60km.

a) How much petrol does he need for a journey of 240km? (2 marks)

- b) If one litre of petrol costs sh.5000. How much money will he spend on petrol needed to run the tax for 2hours at a speed of 60km/hr?  
(3 marks)

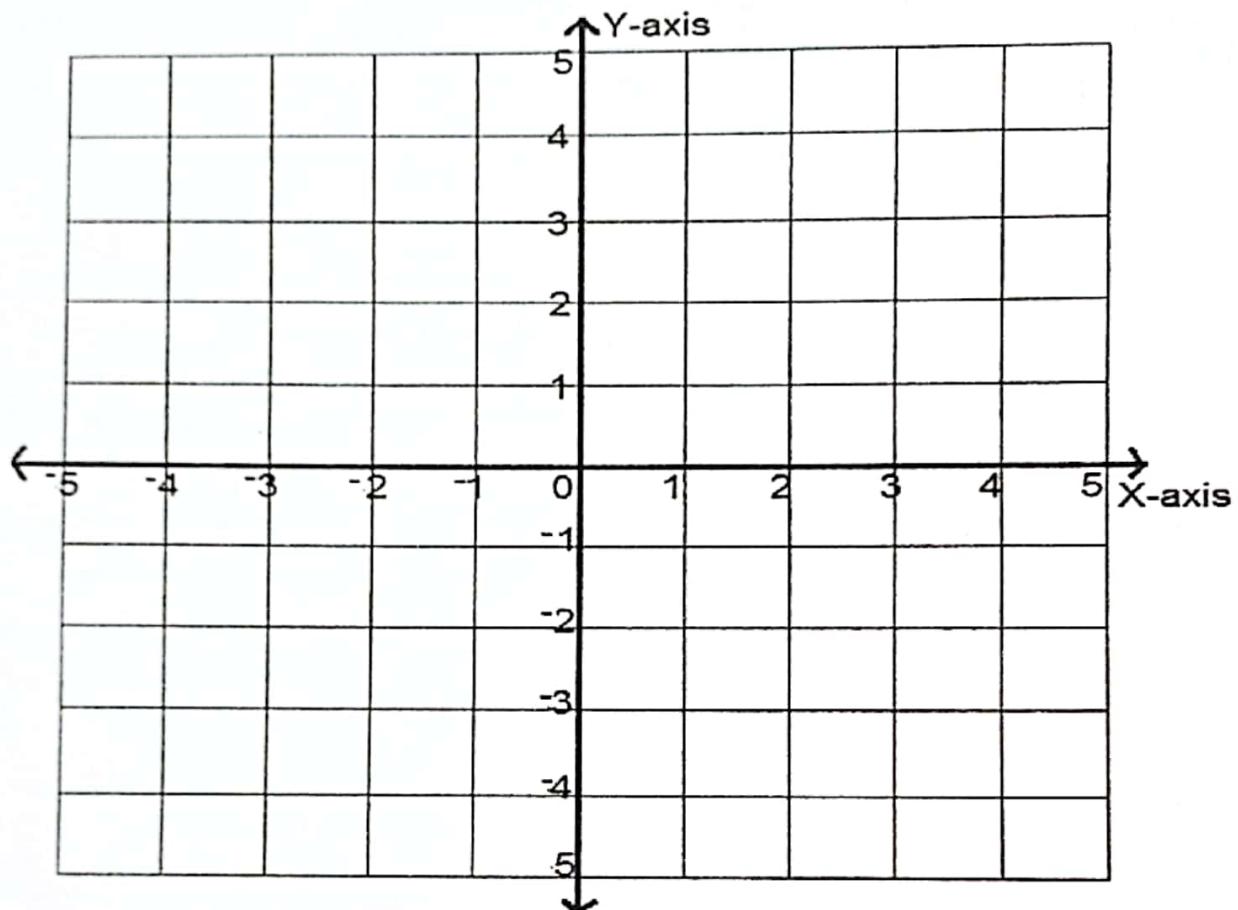
31. The figure below shows a triangle KMN. Use it to answer questions that follow.



- a) Find the value of  $h$ . (2 marks)
- b) Work out the area of the shaded part. (2 marks)

32. Given the points P (0, +3), Q(-4, -4), R(+3, -4)

- a) Plot the points P, Q and R on the grid below.



- b) Join P to Q, Q to R and R to P. (1mark)

- c) Find the area of the figure formed. (Given that  $1\text{sq} = 1\text{cm}^2$ )  
(1 mark)

**END**