



HILLSIDE PRIMARY SCHOOL
BEGINNING OF TERM THREE EXAMINATIONS

2023

INTEGRATED SCIENCE (SET FOUR)

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**.
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 |
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| 47- 49 | | |
| 50- 52 | | |
| 53- 55 | | |
| TOTAL | | |

SECTION A (40 Marks)

1. Name the mineral salt responsible for formation of blood.

.....

2. Why should a poultry house be kept clean and dry?

.....

.....

3. Where does the digestion of food begin in man?

.....

.....

4. Write PCV in full as used in immunization.

.....

.....

5. Identify any one characteristic of underground stems.

.....

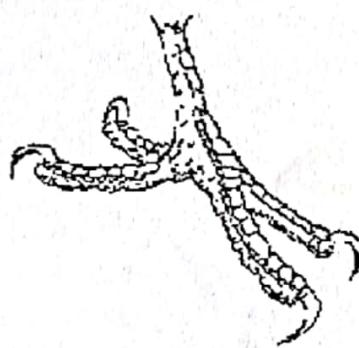
.....

6. Mention any one type of bees in a hive.

.....

.....

Study the diagram below and answer the question that follow



7. Name one bird that has such type of foot.

.....

.....

8. State any **one** importance of dipping animals in acaricides.

.....
.....

9. Mention any **one** activity done under child to child program.

.....
.....

10. Give any one example of an animal which does not have a backbone.

.....

11. Give one factor that affects the rate of transpiration.

.....

12. What is the function of a switch in an electric circuit?

.....
.....

13. Name the element of PHC promoted by carrying out vasectomy.

.....
.....

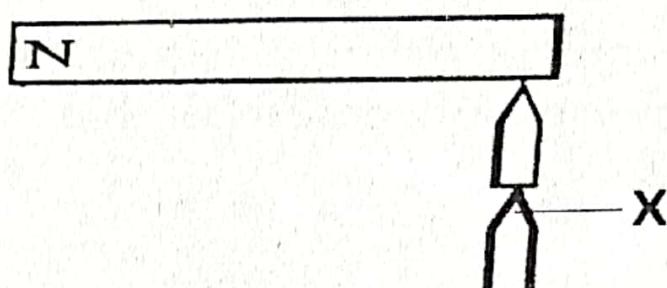
14. Why do people plant grass in their compounds?

.....
.....

15. Name one disease that affects banana plants

.....
.....

The diagram below shows a method of making magnets. Study and use it to answer questions 16 and 17.



16. Name any one method of making magnets besides the above shown method.
-

17. What will be the pole at X after magnetization?
-

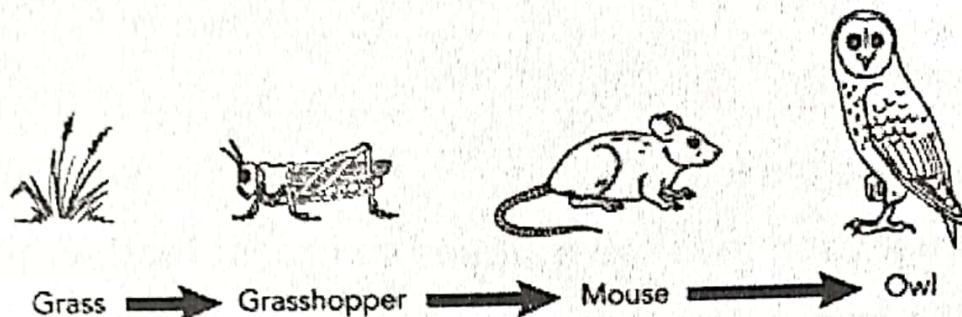
18. To which group of musical instruments does a guitar belong?
-

19. Give one way of conserving wood fuel.
-

20. Why should a pit latrine be constructed 30metres away from a water source?
-

21. Which food deficiency disease is caused by lack of vitamin A?
-

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



22. Identify the feeding relationship above.

.....

23. What will happen to the grasshoppers if the mice are removed from the feeding relationship above?

.....

24. Identify the part of the human body that has similar function as the gill cover (operculum) of a fish.

.....

25. Where in the lungs does gaseous exchange take place?

.....

26. Which type of soil holds water for a long time?

.....

27. Write any one condition needed by seeds to germinate.

.....

28. State one effect of drought in the environment.

.....

29. Why do farmers prefer rearing local breeds of cattle?

.....

30. A baby had the following signs and symptoms; **stiff muscles, spasms when touched, refused to breast feed**. Which disease was the baby suffering from?

.....

31. What term is used to mean the study of human population changes?

.....

32. What is the importance of cilia found in the nose?

.....

33. Identify any one group of vulnerable people besides pregnant women.

.....

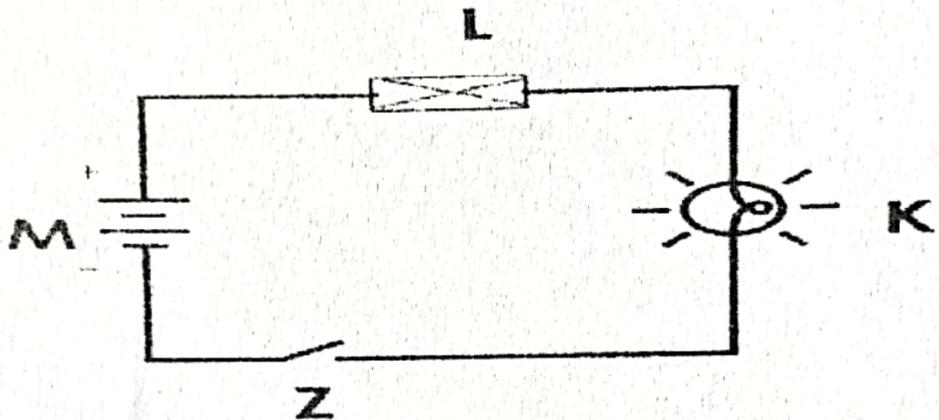
34. How is an eagle adapted to its mode of finding?

.....

35. Why is a brick maker encouraged to feed on sweet potatoes?

.....

The diagram below is of a simple complete electric circuit. Use it to answer question 36 and 37.



36. Name one form of energy produced at K when circuit is completed.

-
37. Using an arrow, show the direction of the flow of current on the diagram above.
-
38. Which type of lens is used to correct short sightedness?
-

39. State one advantage of breast feeding to a baby.

.....

.....

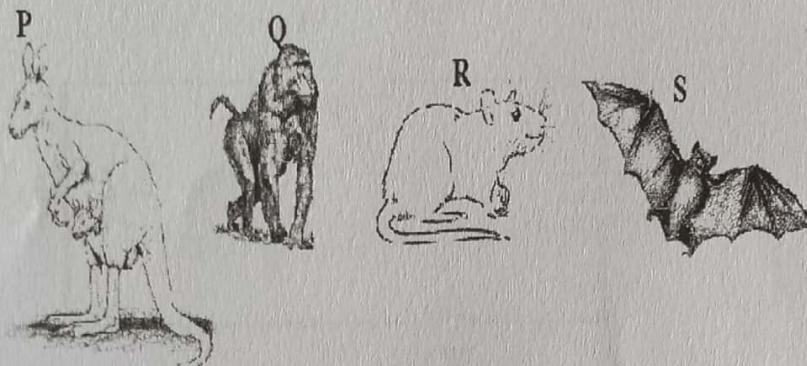
40. Why do frogs cover their eggs with a slimy jelly?

.....

.....

SECTION B (60 Marks)

41. Use the organisms below, to answer the questions that follow



(a) State any one characteristic common to all the above organisms.

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

(b) How is organism S different from the rest?

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

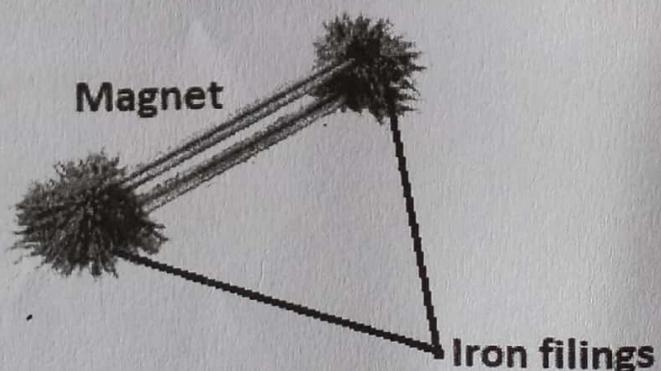
(c) Identify one other example of an organism that belongs to group Q.

.....

(d) To which group of mammals does organism P belong?

.....

42. The diagram below shows a property of magnets. Use it to answer the following questions.



a) Identify the property of magnets shown above.

.....

b) Identify one other property of magnets apart from the one above.

.....

c) State any one use of magnets.

.....

d) Write one way of demagnetization.

.....

43. a) Write any one example of each of the following:

(i) Essential drugs

.....

(ii) Drugs of dependency

.....

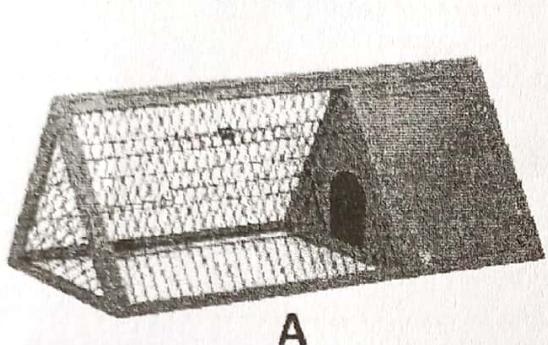
(b) State one effect of drugs of dependence to an individual.

.....

(c) Identify one life skill to safe guard oneself against drugs of dependence

.....

44. The diagram below shows rabbit hutches. Study them carefully and answer the questions that follow.



A



B

(a) Name the rabbit hutches marked with letters A and B.

(i) A.....

(ii) B.....

(b) Give one importance of a wire mesh on the rabbit hutch A.

.....
.....

(c) State one advantage of rearing rabbits.

.....
.....

45. (a) Which type of soil erosion creates small water channels?

.....

(b) Mention any two causes of soil erosion.

(i).....

(ii).....

(c) State any one way of controlling soil erosion in an area.

.....
.....

46. (a) What is poultry?

.....
.....

(b) Identify any one disadvantage of using free system in poultry rearing.

.....
.....

(c) Give any one example of broilers.

.....
.....

(d) Point out any one way a farmer can take good care of his poultry on a farm.

.....
.....

47. (a) Give two similarities between images formed in a human eye and a pinhole camera.

(i)

(ii)

(b) On which part of the lens camera are images formed?

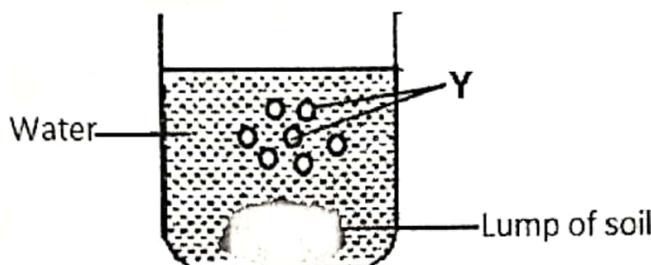
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(c) State the function of the aperture on a lens camera.

.....

.....

48. The diagram below shows an experiment about soil. Use it to answer question that follow.



(a) What does the experiment above show about soil?

.....

.....

(b) Name the structures marked Y.

.....

(c) Identify any two components of soil.

- (i)
- (ii)

49. (a) Which class of levers has the fulcrum between the load and effort?
-

(b) State any one advantage of using machines.

.....

.....

(c) Give an example of each of the following:

- (i) A wedge
-
- (ii) An inclined plane
-

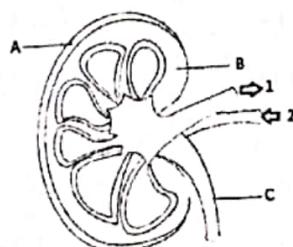
50. a) Solomon gently lowered a stone in a measuring cylinder having 30cc of water and it rose to 45cc. Find the volume of the stone.
(2 marks)

.....
(b) Why did the stone sink when it was lowered into the water?

.....
.....
(c) Give one other material which can sink in water apart from a stone.

.....
(d) Name the force that makes objects weigh less when put into water

51. The diagram below is of kidney. Use it to answer the questions that follow.



(a) Name the parts labeled A and C

(i) A.....

(ii) C.....

(b) Give the function of part labeled C.

.....

.....

(c) Name the important process that takes place in part marked B.

.....

52. Read carefully and match the parts in A to those in B correctly.

A

(i) Operculum

(ii) Forked tongue

(iii) Blubber

(iv) Lateral line

B

Nostril

Feathers

Ears

Ribcage

(i) Operculum.....

(ii) Forked tongue.....

(iii) Blubber.....

(iv) Lateral line.....

53.(a) What is personal hygiene?

.....

.....

(b) Name any two items used to promote oral health.

(i).....

(ii).....

(d) Give any one danger of having a dirty body.

.....

.....

54. Complete the table below correctly.

| Instrument | Element of weather | Function |
|------------|--------------------|-------------------------------|
| | Wind | Measures speed of wind |
| Rain gauge | Rainfall | |
| Hygrometer | | Measures humidity |
| | Air pressure | Measures atmospheric pressure |

55. a) Give two ways water can be polluted.

(i).....

(ii).....

(b) How can water pollution be controlled?

.....
.....

(c) State one danger of water pollution in the community.

.....
.....

END



HILLSIDE PRIMARY SCHOOL
BEGINNING OF TERM THREE EXAMINATIONS
2023
SET FOUR
SOCIAL STUDIES WITH RELIGIOUS EDUCATION

Time Allowed: 2 Hours 15 Minutes

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| 53- 55 | | |
| TOTAL | | |

SECTION A: (40 MARKS)

1. What is the direction of South Sudan from Uganda?

.....

2. What name is given to the steep sides of a rift valley?

.....

3. Give any one way modern communication promotes trade.

.....

4. Name any example of a planted forest in Uganda.

.....

5. State any one way of controlling poverty in Africa.

.....

6. Mention the most important natural resource in East Africa.

.....

7. Give the reason why the **League of Nations** was formed after the First World War.

.....

8. Give the reason why most game parks are located within the Savannah vegetation.

.....

9. State any one problem faced by people in public offices in Uganda.

.....

10. Give any one reason why a Television is not widely used as a means of communication in most parts of Uganda.

.....

11. Write any one advantage of using water transport over air transport.

.....

12. Write UBOS in full.

.....

13. State one role of a family doctor.

.....

14. Give one reason why the governments of East Africa should preserve Stone Age sites.

.....

15. Give any one reason why a wind sock is kept at the airport.

.....

16. State any one reason why elections are important in a country like Uganda.

.....

17. Name the continent that is not suitable for human settlement.

.....

18. State any one economic importance of Fort Jesus.

.....

19. Name any one importance of small scale industries to the people of Uganda.

.....

20. Mention any one weather instrument kept in a Stevenson screen.

.....

21. How is the Uganda Revenue Authority important in the economic development of Uganda?

.....

22. State one way wattle trees promote the growth of leather industries.

.....

23. State one proper method of managing wastes in the environment.

.....

24. Write any one way children can help to maintain security at home.

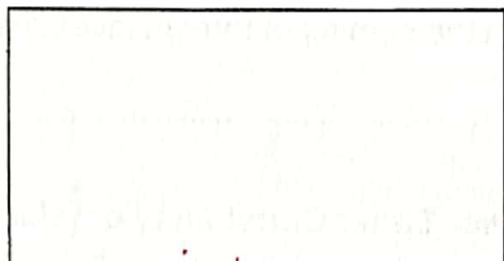
.....

.....

25. State the economic similarity between the Hamites and Nilo- Hamites.

.....

26. Draw a picture of a pot in the space provide below.



27. In which Stone Age site did early man discover farming?

.....

28. State any one way the people of Uganda have benefited from the creation of many districts.

.....

29. Why did Kabaka Mutesa I invite Christians missionaries to Buganda?

.....

30. Name the feature that separates Madagascar from Africa mainland.

.....

31. Give the reason why the people in Kisoro district terrace their land.

.....

32. Mention the major reason why pastoral tribes never formed kingdoms.

.....

33. How did industrial revolution in Europe lead to the coming of European colonialists to Africa?

.....

34. How was the formation of Lake Albert similar to that of Lake George?

.....

35. How do people benefit from the coming of foreign investors?

.....

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

36. **Either:** State one value of baptism to Christians.

.....

Or: State one value of circumcision to Muslims.

.....

37. **Either:** Write any one symbol in Christianity.

.....

Or: Write any one symbol in Islam.

.....

38. **Either:** What lesson do you as P.7 pupil learn from the life of Job?

.....

Or: What lessons do you as a P.7 pupil learn from the life of Ayub?

.....

39. **Either:** Give any one reason why Christians should observe fasting.

.....

Or: Give any one reason why Muslims should observe fasting.

40. Either: Mention any one way HIV/AIDS has caused suffering in Christian families today.

.....

Or: Mention any one way HIV/AIDS has caused suffering in Muslims families today.

.....

SECTION B: (60 MARKS)

41. a) Name any two member states of EAC.

(i)

(ii)

(b) Give any two benefits of EAC to member states.

(i)

(ii)

42. a) To which organ of the government do ministers belong?

.....

b) State any two roles of the legislature arm of government.

.....

c) What title is given to the head of Judiciary?.

.....

43. a) What is climate?

.....

b) How does latitude affect the climate of Africa?

.....

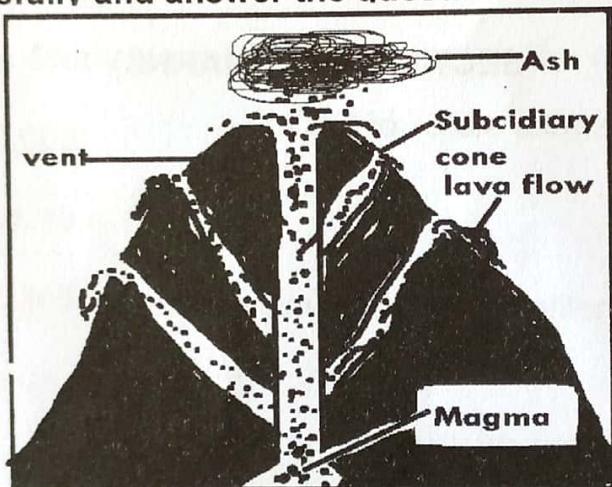
c) Mention any two human activities which affect the climate of an area negatively.

i)

ii)

44. The diagram below show the formation of a certain type of physical feature.

Study it carefully and answer the questions that follow.



a) Name the physical feature shown above.

.....

b) Mention the process by which the above physical feature was formed.

.....

c) Give any one danger faced by people living near the above physical feature.

.....

d) Why are the areas near the above physical feature good for agriculture?

.....

45. a) Mention any two reasons why Uganda trades with USA.

(i)

(ii)

b) Give any two challenges Uganda faces due to her geographical location.

(i)

(ii)

46. Benedict is a civil servant who earns Sh.500,000 below is his monthly expenditure. Study is carefully and answer the questions that follow.

1. Rent Sh.100,000

2. Transport Sh.10,000

3. Food Sh. 70,000

4. School fees Sh.200,000

a) What type of budget is shown above?

.....

b) Give one advantage of the budget you have named in 46 (a) above.

.....

c) Mention any two sources of government revenue.

(i)

(ii)

47. Write short notes on the following personalities.

a) Capt. Frederick Lugard

.....

b) Sir Hesketh Bell

.....

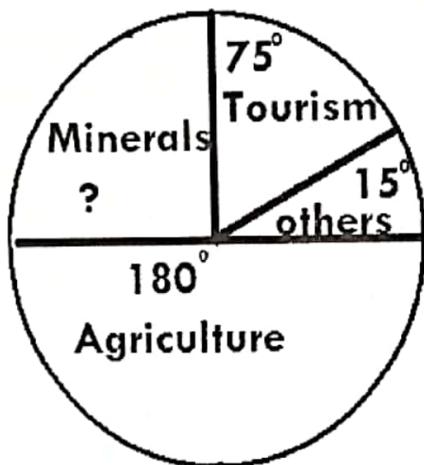
c) Sir John Hathon Hall

.....

d) Chief Awich of Payera

.....

48. The pie chart below shows a country's earnings. Use it to answer the questions that follow.



a) Which is the major export earner of this country?

.....

b) How many degrees do minerals take?

.....

c) Mention the second biggest export earner of this country.

.....

d) State any one benefit the above country gets from agriculture.

.....

49. a) Mention any one way people have misused the environment.

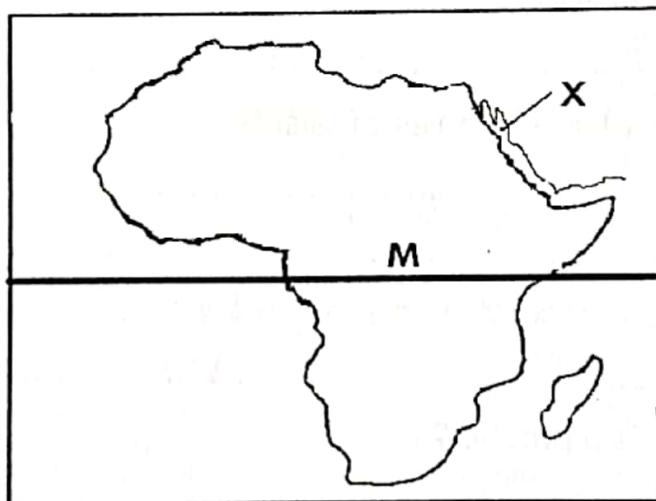
b) Apart from deforestation, give any two human activities that have led to environmental degradation.

(i)

(ii)

c) State any one way in which you can keep the environment clean.

50. Study the sketch map of Africa below and answer the questions that follow.



a) Name the water body marked X.

.....

b) Name any one island country found in the Indian Ocean.

.....

c) Name the island country crossed by line marked M

.....

d) Name the continent that neighbours Africa to the north.

For questions 51-55, answer Either Christian or Islam on a number.

51. Either: a) What is a talent?

b) Mention any two examples of talents.

i)

ii)

c) Give any importance of talents to primary children.

OR: a) What is a talent?

b) Mention any two examples of talents.

i)

ii)

c) Give any importance of talents to primary children.

52. Either: a) Who is a prophet?

b) Name any two examples of prophets in Christianity.

(i)

(ii)

c) Give any one way God communicates to people apart from prophets.

.....
.....

Or: a) Who is a prophet?

.....
.....

b) Name any two examples of prophets in Islam.

(i)

(ii)

c) Give any one way Allah communicates to people apart from prophets.

.....
.....

53. For all candidates:

a) What term is used to mean the bringing back of the lost friendship?

.....
.....

b) Give any two importance of having friends.

(i)

(ii)

c) How can you a P.7 pupil bring back the lost friendship?

.....
.....

54. Either: Match the items in list A to those in list B correctly.

| List A | List B |
|-------------------------|-----------------------------------|
| Matthias | betrayed Jesus |
| Thomas | Replaced Judas Iscariot |
| John | Doubted the resurrection of Jesus |
| Judas Iscariot | Most beloved apostle. |
| a) Matthias | |
| b) Thomas | |
| c) John | |
| d) Judas Iscariot | |

OR: Match the items in list A to those in list B correctly;

| List A | List B |
|--------------------|-------------------------------|
| Aminah | The first caliph of Muhammad. |
| Halimah | Uncle of Muhammad |
| Abu Talib | Mother of Muhammad |
| Abubaker | Foster mother of Muhammad |
| a) Aminah | |
| b) Thomas | |
| c) Abu Talib | |
| d) Abubaker | |

55. Either: a) What is authority?

.....

b) Write any two types of authority.

i)

ii)

c) Mention any one way leaders misuse authority.

.....

Or: a) What is authority?

.....

b) Write any two types of authority.

iii)

iv)

c) Mention any one way leaders make good use of their authority.

.....

END



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

Time Allowed: 2 Hours 15 Minutes

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SECTION A:

(Questions 1 to 50 carry 1 mark each.)

Sub-section I

In questions 1 to 5, fill in the blanks with a suitable word.

1. Mr. Donka, fromwe buy beef, is the only butcher in the village.
2. The bleat of the sheep was sothat it woke up the sleeping baby.
3. The policejust reached the crime scene.
4. Some trees do not shedduring the dry season.
5. Candidates are instructed to write all answersink.

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

6. Children and adults areto conserve the environment. (advice)
7. The patientdown and slept in the shade. (lie)
8. The boy writesthan the girl. (nice)
9. Manywere lost in the fatal accident. (life)
10. Ivanna, my younger sister, bakescakes. (taste)
11. The veterinarianthe farm animals last week. (vaccine)
12. The two youths were arrested in a bank (rob)
13. By the time we leave for Mombasa, we our PLE. (to do)
14. The boy failed tothe crying baby. (peace)
15. Lule looked up theof the word "err". (pronounce)

In questions **16** and **17**, rearrange the words in ABC order.

16. faster, once, one, first

.....
.....

17. bachelor, crueler, roster, energetic

.....
.....

In questions **18** and **19**, rearrange the words to make a correct sentence.

18. tea the ice cold as as was.

.....
.....

19. Mother ironed and washed the clothes all.

.....
.....

In questions **20** to **22**, rewrite the sentence giving one word for the underlined group of words.

20. The candidates stood in a line waiting at the entrance of the examination room.

.....
.....

21. It is difficult crossing Jinja Road because of the heavy cars, buses, lorries and trailers.

.....
.....

22. The girl laid a bundle of flowers on her late father's coffin.

.....
.....

In questions **23** and **24**, write the full form of the given short form.

23. aka

24. n/a

In questions **25** and **26**, use each of the words in a sentence to show that you know the difference in their meaning.

25. quite

.....

26. quiet

.....

In questions **27** and **28**, rewrite the sentence with the opposite of the underlined words.

27. The tourist is too tired to pack his clothes.

.....

28. Mr. Kalipus managed to climb the tree.

.....

In questions **29** and **30**, give the plural form of the underlined word(s) in the sentence.

29. The chicken was very delicious.

.....

30. The tailor has cut the cloth into pieces.

.....

Sub-section II

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

31. The butcher has not yet slaughtered the bull.

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

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

32. There is little hair left on his head.

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

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

33. "Is it raining now?" the boy asked Akol.

(Rewrite the sentence using:if it was.....)

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

34. The bride wore a gown. It was a new gown. It was a silky gown.

It was a wedding gown.

(Join the sentences without using **and**, **which** or **that**)

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

35. The briefing ended at four o'clock in the afternoon.

(Rewrite the sentence beginning: By 5:00 pm,

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

36. A child needs protection. A pet also needs protection.

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

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

37. The visitor did not wait long at the reception.

(Rewrite the sentence using:a long time.....)

.....
.....

38. Lunno was very clever but she failed the question.

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

.....
.....

39. She did not attend the burial. She did not attend the party.

(Join the sentences using:neither.....nor.....)

.....
.....

40. why the teacher asked did you draw crooked lines

(Rewrite and punctuate the sentence correctly.)

.....
.....

41. We are eager to sit PLE in November.

(Rewrite the sentence using:look forward.....)

.....
.....

42. The editor does not need to edit this story.

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

.....
.....

43. The siblings go to the best school. The siblings are orphans.

(Join the sentences using: In spite.....)

.....
.....

44. The glazier fixed the door this morning.

(Rewrite the sentence beginning: The door.....)

.....
.....

45. I am not lying on your bed, am I?

(Rewrite the sentence beginning: I am lying.....)

.....
.....

46. When the sun rose, the dogs entered the kennel.

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

.....
.....

47. We shall lose the environment if we do not conserve it.

(Rewrite the sentence using:or else.....)

.....
.....

48. Children are more interested in stories than in music.

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

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.....

49. The surgeon drank some water. The surgeon left for the theatre.

(Join the sentences beginning: Having.....)

.....
.....

50. Joshua Cheptegei runs very well.

(Rewrite the sentence ending:runner.)

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.....

SECTION B

(Questions 51 to 55 carry 10 marks each.)

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

Election of prefects is a yearly event in schools. Prefects play a big role. They help teachers to smoothly run the school.

In my school, Hillside Primary School, this election is held in second term, and recently, it was election week.

The School Election Commission announced posts to be vied for. The notice was pinned on the school noticeboard. Interested pupils were encouraged to apply to the electoral body. Several application letters were carefully scrutinized by the electoral body and names of applicants found fit for the posts were listed and displayed on the noticeboard. This showed that they had been nominated or selected to contest for the respective posts.

Aspiring candidates designed posters to facilitate their campaigns. The campaigns got more interesting as various candidates promised to do various things once elected. Lito Bokie, one of the candidates vyng for the post of Dining Prefect, promised to ask the school administration to include ice cream on the daily school menu. This particular promise made him very famous among the pupils. All throughout the campaigns, there was no case of bribery reported. The School Election Commission had strongly cautioned against bribery of any kind, and that any candidate who engaged in the vice would be discontinued from the election. They'd also warned against use of abusive language during the campaigns.

On polling day, pupils queued to cast their votes. They exercised their democratic right by voting candidates of their choice. Later in the day, vote counting took place and successful candidates were announced. As the victors celebrated their electoral victories, strong losers accepted defeat and congratulated their fellows on winning in the election. The victors were later sworn in at a colorful ceremony presided over by the area Member of Parliament. What a busy electoral season it was!

Questions:

1. What is the passage about?

.....
.....

2. Which role do prefects play in school?

.....
.....

3. Why did some candidates celebrate?

.....
.....

4. How were the electoral posts announced to the pupils?

.....
.....

5. What did Lito Bokie wish for on the school menu?

.....
.....

6. Which body announced the results of the election?

.....
.....

7. What did the electoral body warn contestants against?

.....
.....

8. Why did the losers congratulate their fellows?

.....
.....

9. Who presided over the swearing in ceremony?

.....
.....

10. Suggest a suitable title for the passage.

.....

52. Study the information below carefully and answer, in full sentences, the questions that follow.

Next month, Bagga Linda will celebrate her twelfth birthday at her home in Naalya with a few friends. For purposes of better preparation, Bagga's friends marked drinks and food items of their preferences as shown below.

| | Kapia | Jakali | Lanta | Bojjo | Taaka |
|---------|-------|--------|-------|-------|-------|
| Water | | | ✓ | | ✓ |
| Juice | ✓ | ✓ | | ✓ | ✓ |
| Matoke | ✓ | ✓ | ✓ | ✓ | |
| Beef | | | ✓ | ✓ | ✓ |
| Rice | | ✓ | ✓ | ✓ | ✓ |
| Chicken | ✓ | ✓ | | ✓ | ✓ |
| Yam | | | ✓ | ✓ | ✓ |

Questions:

1. With how many friends will Bagga celebrate her age?

.....
.....

2. According to the information, who will eat all food items?

.....
.....

3. How old is Bagga Linda now?

.....
.....

4. Which child would rather drink water than juice?

.....
.....

5. Why did Bagga ask her friends to make their choices?

.....
.....

6. Who will be served the least food items?

.....
.....

7. When will Bagga Linda celebrate her birthday?

.....
.....

8. How many items are listed for the party?

.....
.....

9. Where will the party be held?

.....
.....

10. What is the relationship between Jakali and Bagga?

.....
.....

53. Rearrange the sentences below to make a story about a briefing of candidates.

1. All the candidates sat and waited silently.
 2. Last Friday, the main hall was arranged for a briefing.
 3. They waited for an educationist who had visited the school.
 4. Mr. Male, the educationist, told the candidates to be confident.
 5. He also encouraged them to revise widely and consult the teachers.
 6. Mr. Luutu, the head teacher, was the first to speak.
 7. The head girl gave a vote of thanks on behalf of the class.
 8. He thanked the candidates for being smart before introducing the visitor.
 9. At the end, Mr. Male handed the head teacher a pack of success cards for the candidates.
 10. He warned that loss of confidence could weaken even the strongest fighter.
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54. Study the poem below carefully and answer, in full sentences, the questions that follow.

The dairy farmer,
A busy man on a dairy farm,
Caring for his dairy cattle,
Buys cow's diet for the farm,
Calls a vet if any falls sick,
A dairy farmer he is.

The dairy farmer,
Works long hours but with help,
Four farm workers, he employs,
Who properly mix cow's diet,
Milk daily, clean the farm,
A dairy farm it is.

The dairy farmer,
A businessman, a family man,
Finds time off his farm work,
To support his wife at home,
Bedtime stories he tells his 3 kids,
A family man he is.

The dairy farmer,
Drives his dairy product to town,
Where he's got many customers,
This, he does day in and day out,
Intends to start a bakery soon,
A businessman he is.

Ivanna

55. Batu Basina, a Primary Seven pupil in Magombe Primary School, apologized to her class teacher. She was sorry for slapping a classmate who had thrown her dictionary down.

Study her letter and fill in what you think are the missing words.

Magombe Primary School,
P.O. Box 9911,
Busia.

25th September, 2023

Mrs. Ann Wekesa,
The Class teacher, P.7,
Magombe Primary School,
P.O. Box 9911,
Busia.

Dear.....,

Re: FOR SLAPPING BAVVE JOHNSON

Referring to the above subject, I hereby write to for slapping Bavve Johnson this morning.

I know that such behaviour is unacceptable. Johnson picked my dictionary and it down so I thought slapping him would teach him to respect people and property. I am very and I to behave better next time.

I shall be if my apology is positively considered.

Yours

.....

.....

-END-



HILLSIDE PRIMARY SCHOOL-NAALYA

BEGINNING OF TERM THREE EXAMINATIONS

2023

MATHEMATICS (Set Four)

Time Allowed: 2 Hours 30 Minutes

Index No.

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|

Candidate's Name.....

Candidate's Signature.....

EMIS No..... Stream

District

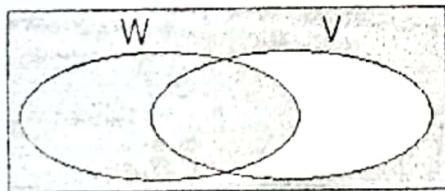
Read the following instructions carefully:

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 | | |
| TOTAL | | |

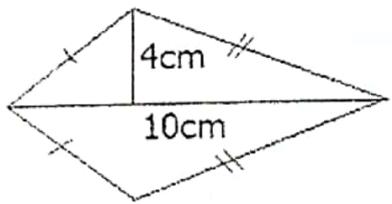
SECTION A: (20 Marks)

1. Add : $364 + 123$
 2. Express 13_{ten} to binary base
 3. Decrease 800 in the ratio of 4:5
 4. Describe the shaded part in the Venn diagram below.



5. Find the next number in the sequence below;
5, 6, 9, 14, 21,

6. Find the area of the figure below



7. Express 11111 in words

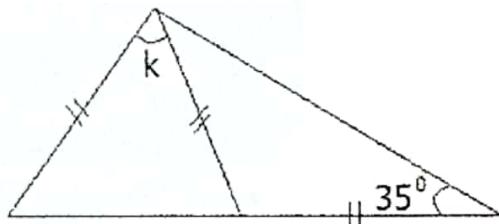
8. Workout: $4 - 3$

9. Subtract $a + 2$ from $3a - 4$

10. Find the range of $4, -9, 3, -2, 0, 8, 1$

11. Write 12:40 a.m. in 24hour clock system

12. Calculate the value of angle k



13. Tom was born in 12BC. If he died in 35AD, how old was he?

14. In the space below, construct a semi-circle whose diameter is 6cm

15. Express $6\frac{2}{3}\%$ as a common fraction in its lowest form

16. What is the 30th triangular number?

17. If $12\frac{1}{2}\%$ of a number is 25, find the number

18. Find the simple interest earned on sh. 800,000 at an interest rate of 20% per month for 3months
19. If a die is rolled once, what is the probability of getting a prime number on top?
20. Mary bought a ball for sh. 12,000 and later sold to David at sh. 8000. What was Mary's loss?

SECTION B: (60 Marks)

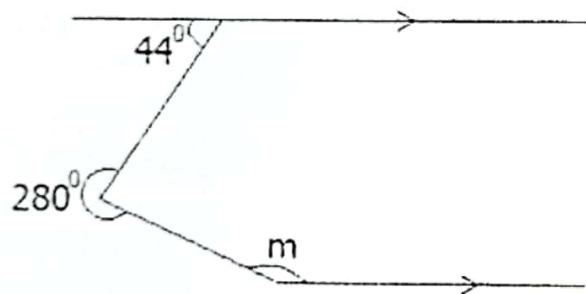
21. a) Solve for m: $\frac{1}{3}m - 4 : m - 4 = 1 : 5$ (3marks)

b) At Masaka market, a mango costs two fifths the cost of an orange. While a pawpaw costs sh. 500 less than the cost of the orange. If the total cost of the three fruits is sh. 1900, find the cost of the mango. (3marks)

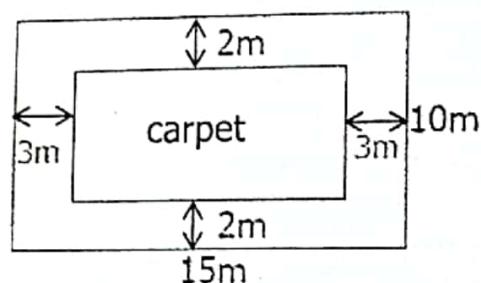
22. A school buys $\frac{4}{5}$ of the beans used at school from Tonny. If it buys $\frac{1}{4}$ of the remaining beans used from Mary and it produces 1500kg. What is the total number of kilograms of beans the school uses? (5marks)

23. a) What angle is $\frac{1}{4}$ of its supplement? (2marks)

b) Calculate the value of m (3marks)



24. The figure below shows a carpet placed on a floor. Use it to find the area of the floor not covered by the carpet. (5marks)



25. a) Solve for y : $12y = 9$ ten (3marks)

b) Subtract: $2\ 3\ 4_{\text{five}} - 1\ 2_{\text{five}}$ (2marks)

26. a) It is now 12:25a.m. What time of the day will it be after 15 hours from now in 12 hour clock time? (3marks)

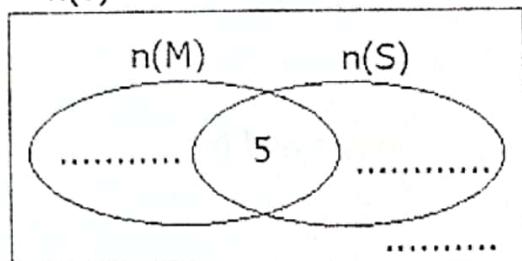
b) Find the least number of cakes in a packet such that when divided equally among 7girls, 2cakes remain, when divided among 4girls, 3cakes remain and when divided among 6 girls, 5cakes remain.

(3marks)

27. In a P.7 class of 56 pupils, 20 like science (S), p like maths (M) only which is also twice the number of pupils who like neither science nor maths.

a) Complete the Venn diagram below (3marks)

$$n(\varepsilon) = 56$$



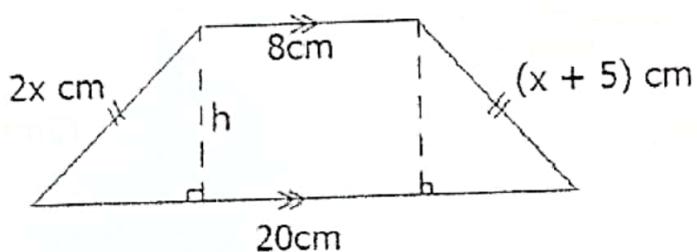
b) Calculate the value of p (2marks)

28. a) Circle the number which is divisible by seven without dividing

1435, 2042 (2marks)

c) Express the circled number above in Roman numerals (2marks)

29. Use the figure below to answer questions a and b



a) Find the value of x (2marks)

b) Calculate the area of the shape of the above figure (3marks)

30. Complete the table below if $y=x + 2$. (**Show the working**) (4marks)

| | | | | | | |
|---|---|-------|---|-------|-------|-------|
| X | 0 | 1 | 2 | -2 | | -4 |
| Y | 2 | | 4 | | -1 | |

31. Complete the shopping table below (5marks)

| Item | Quantity | Unit cost | Amount |
|--------------------------|------------|----------------|------------|
| Books | 5 | Sh. 2,000 | Sh. |
| Pens | | Sh. 700 | Sh. 6,300 |
| Pencils | Half dozen | Sh. 4,500 @doz | Sh. |
| Reams | 2 | Sh. | Sh. 50,000 |
| Total expenditure | | | Sh. |

32. a) Using a pair of compasses, a ruler and a sharp pencil only, construct a rhombus KLMN where $KM = 12\text{cm}$ and $LN = 8\text{cm}$. (4marks)

b) Measure KL (1mark)