



HILLSIDE PRIMARY SCHOOL
MID TERM TWO 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
1-10		
11-20		
21-30		
31-40		
41- 43		
44- 46		
47- 49		
50- 52		
53- 55		
TOTAL		

SECTION A

1. Name the sensory organ responsible for tasting.

.....
.....

2. Why is a rat grouped under vertebrates?

.....
.....

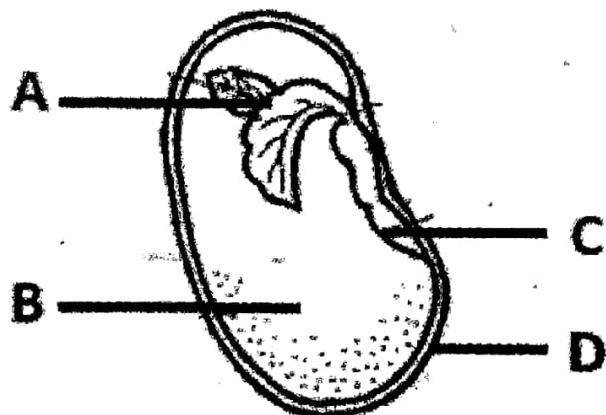
3. How are birds able to overcome friction in air during flight?

.....
.....

4. Where in the alimentary canal does the digestion of food start from?

.....
.....

Use the diagram to answer questions 5 and 6.



5. Of what importance is the part marked **B** during seed germination?

.....
.....

6. Name the part marked D

.....
.....

7. Calculate the density of an object which has a mass of 20g and volume of 40cc.

8. How are echoes important to bats?

.....
.....

9. In which one way are the air sacs adapted to carrying out gaseous exchange?

.....
.....

10. How is heat transfer by radiation important to crop farmers?

.....
.....

11. What condition results from shortage of oxygen supply to the brain?

.....
.....

12. How does the use of hydroelectricity help to conserve trees in the environment?

.....
.....

13. Mention the vaccine administered to infants to protect them from tetanus.

.....
.....

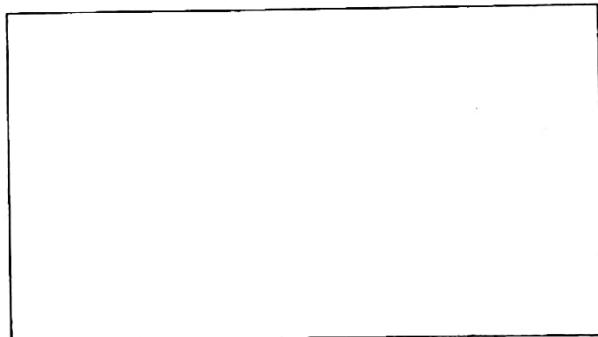
14. Write down any one type of pulley system.

.....
.....

15. Suggest any one advantage of using free range system of rearing poultry.

.....
.....

16. Draw a canine tooth in the space below.



17. State any one factor that affects the rate of transpiration.

.....
.....

18. How is synovial fluid important at a joint?

.....
.....

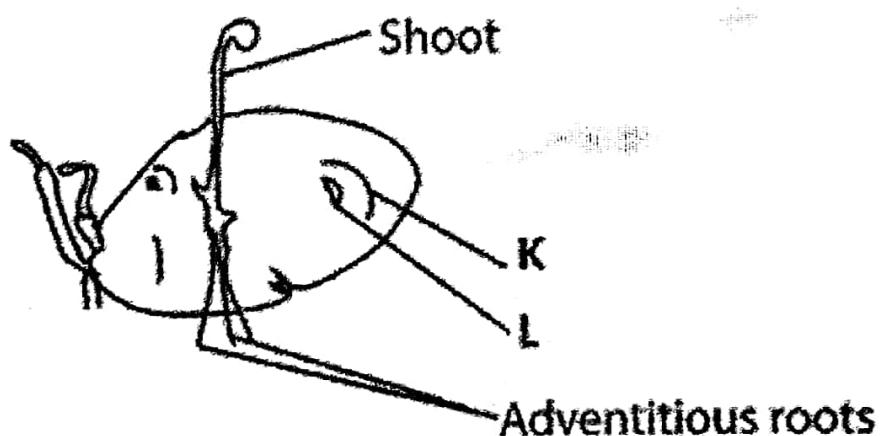
19. As a P.7 candidate, what advice can you give to your friend who has started smoking to help him stop the habit?

.....
.....

20. What is a fracture?

.....
.....

The diagram below shows part of an Irish potato plant. Use it to answer the questions 21 and 22.



21. Name the part marked K

.....

22. How is the above plant propagated?

.....
.....

23. Which structures in veins help to prevent the back flow of blood?

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

24. Why do electric engineers wear rubber gloves when they are at work?

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

25. How can a farmer take good care of his rabbits on a farm?

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

26. Name any one mineral we get from drinking water.

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

27. How can the pitch of a string musical instrument be increased?

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

28. Name one disorder that affects the digestive system.

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

29. State any one characteristic of insect pollinated flowers.

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

30. Why is lightning seen before hearing the thunder?

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

31. Give one good practice that should be done after using a toilet?

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

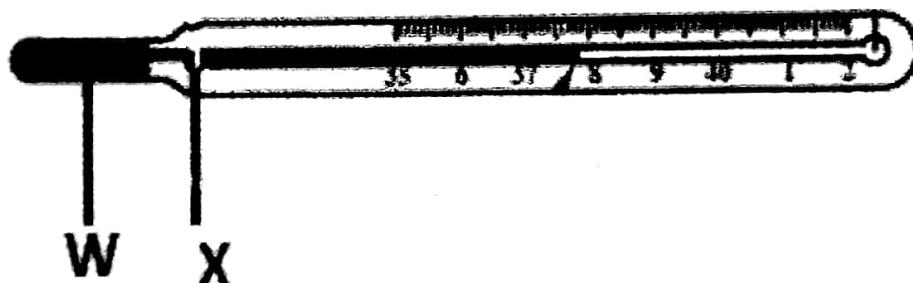
32. Give any one disease which affects the skin.

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

33. Name any one solute used during preparation of ORS.

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

Use the diagram below to answer questions 34 and 35.



34. Name the type of thermometer above.

.....

35. Of what importance is part marked X?

.....

.....

36. Mention any one agent of seed dispersal in the environment.

.....

.....

37. What is acid soil as used in crop husbandry?

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

38. Which type of change is "burning"?

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

39. What is the importance of maintaining proper body posture?

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

40. How is wearing a helmet important to a motorcycle rider?

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

SECTION B: (60 MARKS)

41. (a) What is a source of light?

.....
.....

(b) Give any two examples of natural sources of light.

(i)

(ii)

(c) How is light important to us?

.....
.....

42. (a). Name any one method used in cattle rearing in Uganda.

.....
.....

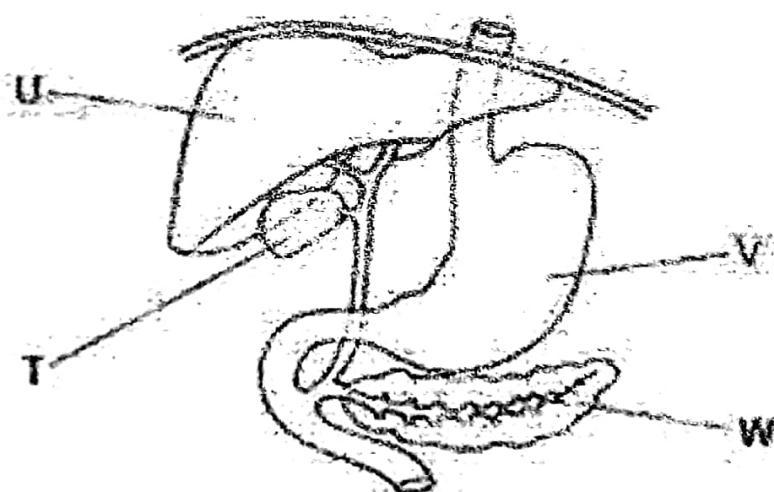
(b). Write down any two diseases that affect cattle in Uganda.

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

(c) Give any one way how the spread of diseases in cattle can be controlled.

.....
.....

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



(a) Identify the body system shown above.

.....

(b) Name the parts marked **U** and **W**

(i) **U**.....
(ii) **W**.....

(c) State any one importance of hydrochloric acid found in part marked

V

.....
.....

44. (a) During construction of tarmac roads, small stones are put on the road surface. Give a reason why?

.....
.....

(b) Name two things which are used to reduce friction.

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

(c) How is friction important in our daily life?

.....
.....

45(a). State the importance of each of the following parts of the human ear.

(i) Pinna

.....
.....

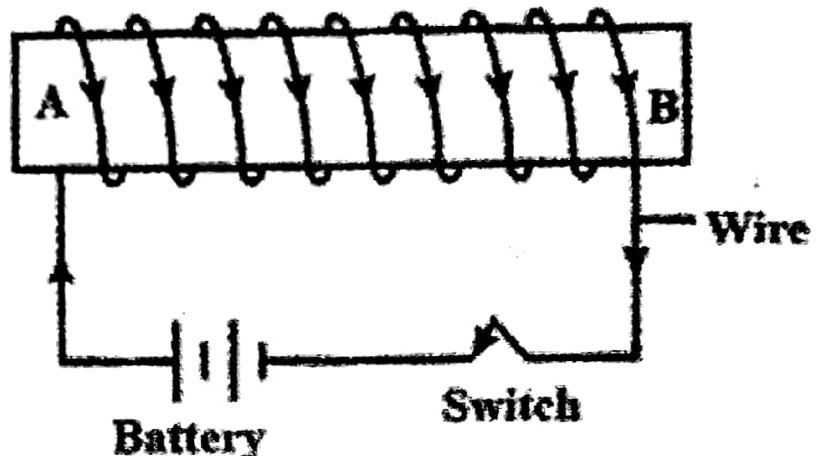
(ii) Ear drum

.....
.....

(b) Mention one disease and one disorder of the ears.

- (i) Disease.....
(ii) Disorder.....

46 Use the diagram below to answer the questions that follow.



(a) Name the method of making magnets shown above.

.....
.....

(b) Mention one other method of making magnets.

.....
.....

(c) Identify the pole at part marked **B**

.....
.....

(d) State any one use of magnets.

.....
.....

47. (a) Give the two types of breathing

(i)

(ii)

(b) State the importance of cilia found in the nose.

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

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

.....

48. Energy resources are things in the environment that are used by people to produce useful energy.

(a) Give two examples of renewable energy resources.

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

(b) Why are the resources mentioned in (a) called renewable resources?

.....
.....

(c) What do we call the lowering of the quality of the environment?

.....
.....

50. (a) Define the following terms.

(i)Energy

.....
.....

(ii)Work

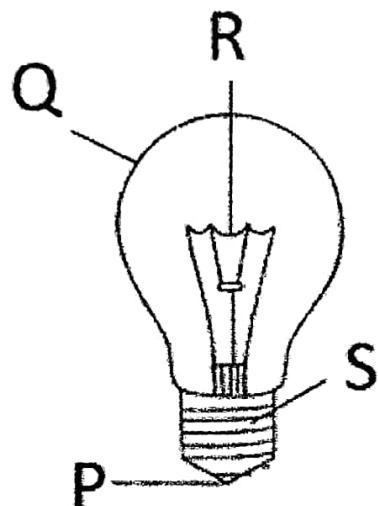
.....
.....

(b) Write down two forms of energy.

(i).....

(ii).....

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



(a) Give two forms of energy produced by part R

(i).....

(ii).....

(c) Name one gas found in part Q

.....

(d) Why is part Q transparent?

.....

.....

52. (a) Give two methods of making alcohol.

(i).....

(ii).....

(b) Which method above involves the use of yeast?

.....

(c) Why are people always advised not to take excessive alcohol?

.....

.....

53. (a) How is a watering can useful to a farmer?

.....

.....

(b) Write down two examples of garden tools apart from a watering can.

(i)

(ii)

(c) How are garden tools prevented from rusting?

.....

.....

54. (a) State any one function of leaves to a plant.

.....

.....

(b) Name any one example of a simple leaf.

.....

(c) Mention any one use of leaves to people.

.....

.....

(d) How can leaves be dangerous to people?

.....

.....

55. Match the parts in A to the types of movable joints in B correctly.

Group A

- (i) Elbow
- (ii) Neck
- (iii) Wrist
- (iv) Shoulder

Group B

- Gliding joint
- Hinge joint
- Ball and socket joint
- Pivot joint

- (i) Elbow.....
- (ii) Neck.....
- (iii) Wrist.....
- (iv) Shoulder.....

GOOD LUCK



HILLSIDE PRIMARY SCHOOL
MID - TERM TWO EXAMINATION

2023

SET FOUR

SOCIAL STUDIES WITH RELIGIOUS EDUCATION

Time Allowed: 2 Hours 15 Minutes

Index No.

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53- 55		
TOTAL		

SECTION A (40 MARKS)

1. Name the largest African country.

.....

2. How can soil erosion be controlled in a school compound?

.....

3. Why is the government of Uganda encouraging proper management of wastes from industries?

.....

4. What do Ugandans celebrate every 1st may?

.....

5. Which important discovery of early man marked the end of Stone Age period?

.....

6. Why did the Boers of South Africa migrate from the Cape colony?

.....

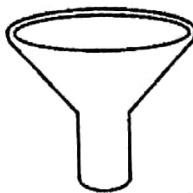
7. How do deciduous trees survive harsh sunny weather?

.....

8. How does a map reader get the actual ground distance on a given map?

.....

Use the diagram below to answer the questions that follow.



9. Name the part of the raingauge drawn above.

.....

10. How useful is the part of the rain gauge drawn above.

.....

11. How do pupils conduct themselves when singing the Uganda National Anthem during school Assemblies?

.....

12. Why are industrial areas of Uganda densely populated?

.....

13. Give one reason why people move from one town to another today.

.....

14. Why did white settlers choose Kenyan highlands for settlement?

.....

15. Give the reason why people who live in deserts need heavy clothes.

.....

16. Name the group of people who introduced Ankole cows in East Africa.

.....

17. How does rural Electrification promote good climate?

.....

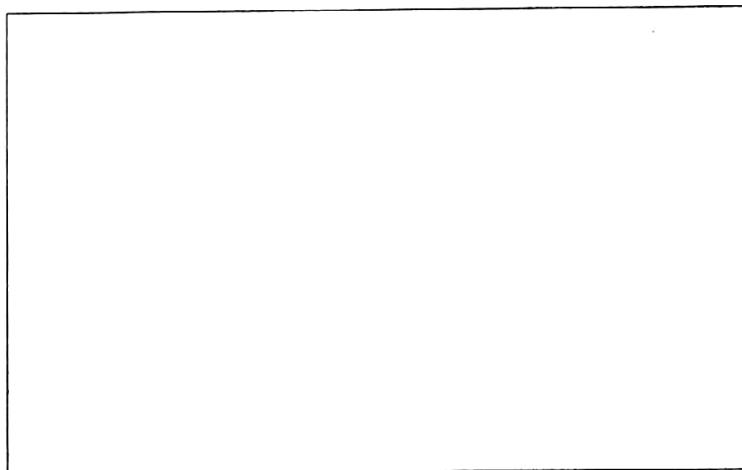
18. State any one cause of a deficit budget.

.....

**19. Which major factor of climate has promoted the growing of Arabic coffee
on the slopes of Mountain Elgon?**

.....

20. Draw the road sign that shows parking to motorists.



21. Why did Omukama Kabalega resist colonial rule in Bunyoro?

.....

22. Name the main inland slave market that was in East Africa in the pre-colonial period.

.....

23. Write any one result of the Berlin conference.

.....

24. Give one way the creation of Bantustans affected African in South Africa.

.....

25. Which type of wood is got from planted trees?

.....

26. Why is Kwame Nkrumah regarded as a national hero in Ghana?

.....

27. Name any one political leader who is directly appointed by the president in Uganda.

.....

28. Give one reason why Judiciary punishes law breaker.

.....

29. Name the domestic animal kept for wool in the velds of South Africa.

.....

30. Name the regional body that unites countries of Eastern and Southern Africa.

.....

31. Why are cement factories common at the coast of East Africa?

.....

32. How is population census important to the government of Uganda?

.....

33. What term refers to the beliefs and customs that were practiced by people in a given society long ago?

.....

34. Which Political party helped UPC to win the 1962 general Elections in Uganda?

.....

35. Give any one way of enforcing traffic rules in Uganda today.

.....

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

36. Either: Name any one Christian relief organization in Uganda.

.....

Or: Name any one Moslem relief organization in Uganda.

.....

37. Either: Who was the last prophet according to Christianity?

.....

OR: Who was the last prophet according to Islam?

.....

38. Either: How did Jesus show the Jews that he was the son of God?

.....

OR: How did Mohammed show Meccans that he was Allah's prophet?

.....

39. Either: Why is Mountain Ararat remembered in Christianity?

.....

OR: Why is Mountain Noah remembered in Islam?

.....

40. Either: Why are Christians encouraged to forgive other?

.....

Or: Why are Muslims encouraged to forgive other?

SECTION B (60 MARKS)

41. a) What was local trade in the pre-colonial period?

.....

.....

b) What was the main item of trade from West Africa that was needed in America for production of raw materials?

.....

c) Write any two effects of trade in the pre-colonial period?

i)

ii)

42. a) How does a school benefit from the neighbouring community?

.....

b) State any one cause of misunderstandings between the school and its neighbouring community.

.....

c) Give any two ways of reducing misunderstandings between the school and its community.

(i)

(ii)

43. (a) Mention any two services provided by the tourism industry.

(i)

(ii)

(b) Give any two importance of tourism industry in Uganda.

i)

ii)

44. (a) Write one cause of landslides in hilly areas of Uganda?

.....

(b) State any two ways the government can help people in areas affected by landslides.

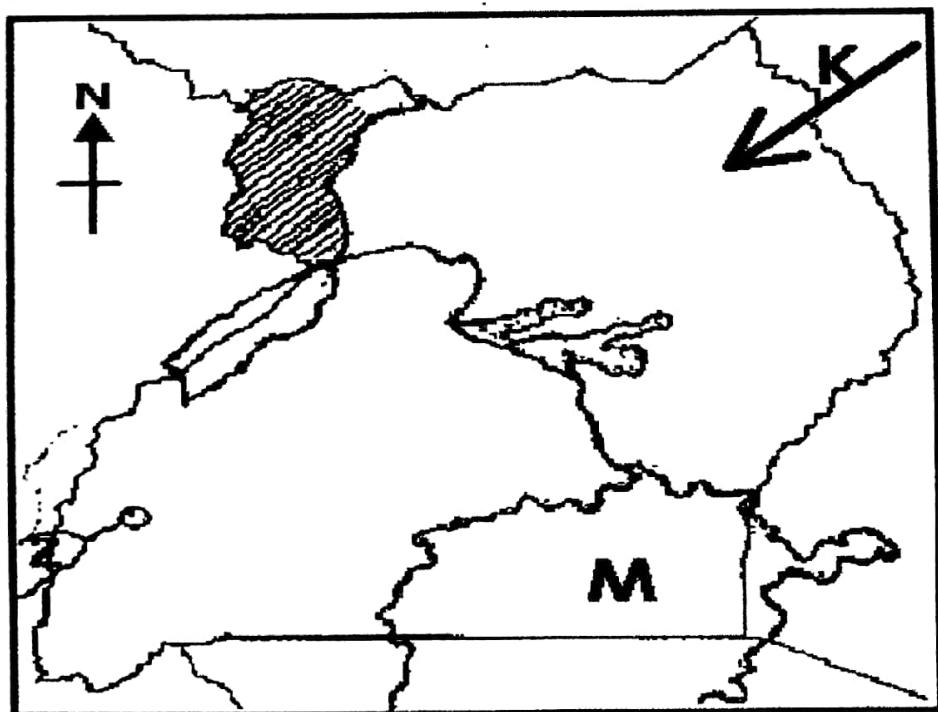
i)

ii)

(c) State one way of preventing landslides in hilly area of Uganda.

.....

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



a) Name the winds marked **K**.

.....

b) How do the winds marked **K** affect the climate of North Eastern Uganda?

.....

c) Why is the shaded area on the map good for settling up a cigarette making factory?

.....

d) Give the reason why areas around lake marked **M** are good for crop growing.

.....

46. a) Name the river that carries the largest volume of water in Africa.

.....

b) Give any one reason why the river in (a) above carries the largest volume of water in Africa.

.....

c) Give two ways rivers have promoted economic development in Africa.

i)

ii)

47. Complete the table below correctly.

MINERAL	MINING AREA	PRODUCTS
	Mwadui	Jewelry
Limestone		Cement
Salt	Lake Katwe	
	Niger Delta	Aviation Fuel

48. a) Name any one prominent leader of the Mau Mau rebellion.

.....

b) Give one reason why rebellions in Africa against colonial rule were

not successful.

.....

c) Write two negative effects of rebellions against colonial rule in Africa.

i)

ii)

49. a) How is HM Stanley connected to the coming of missionaries to Uganda?

.....

b) Give any two problems that early missionaries faced in Africa.

i)

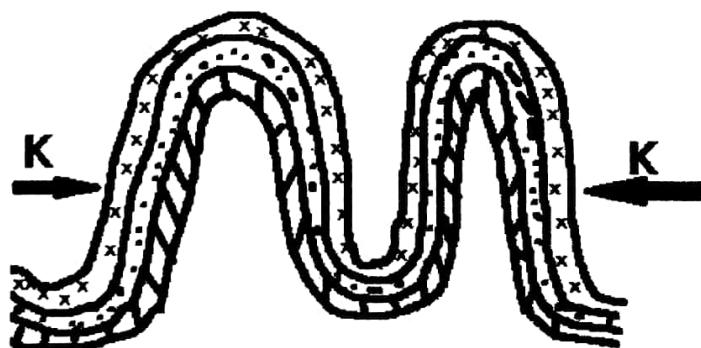
ii)

State any one way missionaries tried to solve some of the problems in

(b) above.

.....

50. Study the diagram below and answer the questions that follow.



a) Name the process shown in the diagram above.

.....

- b) Using letter T, show the anticline on the diagram above.
- c) Name the forces marked K.
-
- d) Mention any one Mountain in Africa formed by the process shown in the diagram.
-

For questions 50-55, answer Either Christianity OR Islam but not both.

51. Either: (a) How did Jesus Christ serve other people?

-
- (b) Write any two services a child can offer to others in a community.
- i)
- ii)
- (c) Why should we serve other people in the community?
-

OR: (a) How did Prophet Mohammed serve other people?

-
- (b) Write two services a Muslim child can offer to other people in the community.
- i)
- ii)
- b) Why should we serve other people in the community?
-

52. Either: (a) What is marriage according to Christianity?

-
-

b) State any two reasons why people marry today.

- i)
- ii)

d) Give any one characteristic of a happy marriage in a community.

.....

OR: (a) What is marriage according to Islam?

.....

b) State any two reasons why people marry today.

- i)
- ii)

c) Give any one characteristic of a happy marriage in a community.

.....

53. Either: (a) Name the last messenger God sent to prepare the way for the coming of the Messiah?

.....

b) State any two ways the messenger named in (a) above prepared the way for the coming of the messiah.

- i)
- ii)

c) Give one reason why people needed the messiah.

.....

Or: a) Who were the last messenger that Allah sent to his people?

.....

b) State any two ways the people of medina benefited from the coming of the messenger above to medina

- i)
- ii)

c) Give any one reason why people needed the messenger named in a
above.

.....

54. For All Candidates:

a) Give one reason why a pupil needs to pray before:

- i) sitting an examination
- ii) eating food
- iii) sleeping
- iv) coming to school

55. For All Candidates:

Match list A with B correctly in relation to the order of creation.

A

Day

- i) 2nd day
- ii) 3rd day
- iii) 4th day
- iv) 6th day

B

creation

- Heavenly bodies
- Land animals
- Sky
- Plants

- i) 2th day
- ii) 3rd day
- iii) 4th day
- iv) 6nd day

END



HILLSIDE PRIMARY SCHOOL
MID-TERM TWO EXAMINATIONS
2023
ENGLISH (SET FOUR)
Time Allowed: 2 Hours 15 Minutes

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53		
54		
55		
TOTAL		

SECTION A: 50 MARKS

Sub-section I

Questions 1 to 50 carry one mark each

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

1. All parents are proud.....their children.
2. Honey is sweeter..... sugar.
3. The mancows ate my crops has come.
4. It has been raining morning.
5. is sick today?

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

6. My sister absent today. (to be)
7. At least one planefrom the airport every day. (fly)
8. Koiko'sto become was supported by his father. (intend)
9. She walkedto her office and opened the door. (slow)
10. No sooner had the head teacher.....two kilometres than his tyre burst. (drive)
11. The mat waswoven by the old lady. (beautiful)
12. The month of May was thethis year. (hot)
13. 5th zone organized a competition and our school came first. (write)
14. Alice was tidying uproom when the visitors arrived. (she)
15. The donkey.....,.....off the monkey's tail. (bite)

*In questions **16** to **17**, write the full form of the given abbreviations*

16. C.O.D.....

17. can't.....

*In questions **18** to **19**, arrange the given words in **alphabetical** order.*

18. clock, cloak, coke, corners

.....
.....

19. whether, weather, wear, wither

.....
.....

*In numbers **20** to **21**, re-arrange the given words to form **correct** sentences.*

20. she school today come did?

.....
.....

21. teachers of school our smart are.

.....
.....

*In questions **22** to **23**, write the **plural form** of the given words.*

22. knife.....

23. key.....

24. manservant.....

In questions **25** to **26**, use each of the given sentences to write sentences to show that you know the **difference in their meaning**.

25. stationary

.....
.....

26. stationery

.....
.....

In questions **27** to **28**, re-write the sentences giving the **opposite** of the underlined words.

27. Some snakes are poisonous.

.....
.....

28. Many objects drawn by the children are regular.

.....
.....

In questions **29** to **30**, re-write each of the sentences **giving one word** for the underlined group of words.

29. We went to the garden where fruit trees are grown and picked many mangoes.

.....
.....

30. There were many people doing voluntary work at the camp.

.....
.....

Sub Section II

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

31. The holiday was very exciting. We did not want to leave the camp.
(Join the two sentences using:so.....that.....)

.....
.....

32. We immediately saw smoke. We heard a loud noise.
(Re-write as one sentence beginning: **As soon as**.....)

.....
.....

33. Joseph completed the examination in time although he arrived fifteen minutes late. (Rewrite beginning: In spite of)

.....
.....

34. The DVD was very expensive. Kawonawo could not buy it.
(Re-write as one sentence using:too....to.....)

.....
.....

35. Gundi bought a blanket. The blanket was made of wool. It was a heavy blanket. (Re-write without using 'and', 'that' or 'which.)

.....
.....

36. The headmistress said that boys were very neat in their books.
(Rewrite the ending:said the headmistress.)

.....
.....

37. The candidates tried to cheat. They wanted to get division I.
(Re-write as one sentence using:so that.....)

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

38. We need animals. Animals must be protected.
(join the two sentences using.....because.....)

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

39. If children do not know their rights, adults will continue abusing them. (Re-write the sentence beginning: Unless.....)

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

40. You have a very good handwriting. (Beginning: What.....)

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

41. We should stop cutting trees. This country will turn into a desert.
(Re-write as one sentence using:or else.....)

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

42. Akampa's friend is arriving next week.
(Re-write the sentence and begin: A friend

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

43. Faridah is clever. She can write an application letter.
(Re-write as one sentence using:enough.....)

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

44. Otti posted the letter after he had written it.

(Re-write the sentence beginning: Having.....)

.....
.....

45. The warthog has eaten my sorghum.

(Re-write as one sentence ending:warthog.)

.....
.....

46. The bus arrived at the park before midday.

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

.....
.....

47. The dead man said peter was a useful person

(Re-write and punctuate the sentence correctly.)

.....
.....

48. I liked chicken more than beef.

(Re-write the sentence using: prefer)

.....
.....

49. We are going to sit our final examinations in November.

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

.....
.....

50. Every cloud.....(complete the proverb correctly.)

.....
.....

SECTION B: 50 MARKS

Questions 51 to 55 carry ten marks each

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

CONSERVATION OF FORESTS

This is the protecting of forests. This is often done by the government which puts in place rules against the destruction of forests. People may be forbidden from carrying out activities like tree harvesting. However, controlled harvesting may be permitted to people who must get special licenses from the government authorities. In Uganda, it is NEMA body that is responsible.

Some of the forest reserves in Uganda include Mabira in the central, Lendu in the North-western and Budongo in western Uganda. Many people today have learnt how to save the environment because they fear to be locked up and have resorted to other means. They use gas and charcoal stoves made out of clay. These stoves use less charcoal. The government has also embarked on rural areas. People use electricity for cooking, lighting and other ways

If our environment is conserved, global warming will obviously reduce. The climate will change as the natural vegetation modifies the state of our surrounding.

Questions

1. What is the passage about?

.....
.....

2. Who is in charge of protecting forests?

.....
.....

3. How does the government protect forests?

.....
.....

4. What must one have before harvesting trees?

.....
.....

5. In which ways have people learnt to save the environment?

.....
.....

6. What will help to reduce global warming?

.....
.....

7. Write NEMA in full.

.....
.....

8. Write a word or group of words to mean the same as the following as used in the passage.

i) modifies.....

ii) get.....

9. What is the title of the above passage?

.....

53A. Below is a school timetable for extra lessons in Longot P/s. Read it and answer the questions that follow in full sentences.

CLASS	MON	TUE.	WED.	THUR.
P. 7 EAST	MATH	ENG	SCIE	SST
P. 7 SOUTH	SCIE	SST	ENG	MATH
P. 7 WEST	ENG	SCIE	SST	MATH
P. 7 NORTH	SST	MTC	ENG	SCIE

Questions:

1. How many lessons does each class get in a week?

.....
.....

2. How many streams does the P. 7 class have?

.....
.....

3. When do the extra lessons end?

.....
.....

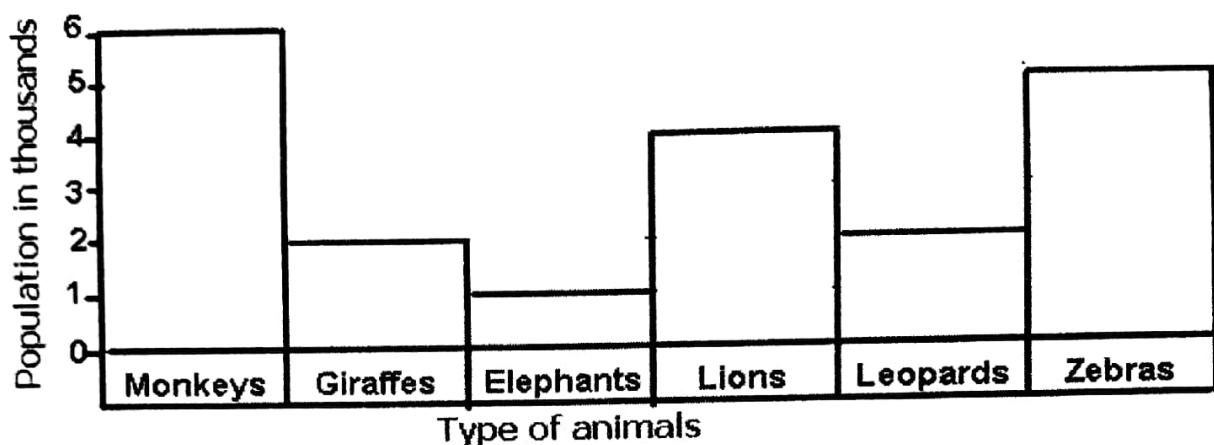
4. Which classes have the same lessons on Thursday?

.....
.....

5. In which school was the above timetable used?

.....
.....

53B. Below is a graph showing the population of wild animals in Tsavo National game Park. Study it and answer the questions that follow in full sentences.



Questions:

1. Which animals have the biggest number in the park?

.....
.....

2. What is the population of lions in the park?

.....
.....

3. Which animals have the least number in the park?

.....
.....

4. From which park was the population of animals recorded?

.....
.....

5. Compare the population of lions to that of zebras.

.....
.....

54. Read the invitation card below carefully, and in full sentences, answer the questions that follow.

GRADUATION PARTY

The family of the late Peter Ojok cordially invites the company of Mr. and Mrs. Ndimukika Shem to the graduation party of their beloved son, Dr. Ooja Jesse, a student at Kyambogo University, which will take place on 19th July, 2023 at their home in Kireka, 1km off Jinja Road, from 3:00p.m to 8:00pm.

Your presence will make the function colourful.

RSVP (Regrets only)

1. Akampa Ashley

0782664119

2. Ngabo Shana

0704793008

1. Which ceremony is the invitation card about?

.....
.....

2. To whom is this card particularly addressed?

.....
.....

3. Who is going to graduate?

.....
.....

4. Who is invited to the ceremony?

.....
.....

5. From which institution was the graduand studying?

.....
.....

6. At what time will the ceremony take place?

.....
.....

7. Suggest another word for **colourful**.

.....

8. Write in full:

- a. RSVP.....
- b. Mrs.....

9. Agasha is not able to attend the function. What should Agasha do?

.....
.....

- 54.** Susan and Robert met shortly after their first term holiday. Below is the dialogue the two had. Complete it with Robert's responses.

Susan: Hullo my friend, Robert.

Robert:.....
.....

Susan: Good morning, Robert.

Robert:.....
.....

Susan: I missed you so much during last holiday. Where did you spend your holiday?

Robert:.....
.....

Susan: At your grandmothers' place! Where does your grand mother stay?

Robert:.....
.....

Susan: Wow! Kabale is a nice district.

Robert:.....
.....

Susan: No, I have never been to Kabale, but I was told so.

Robert:.....
.....

Susan: I was at home doing my holiday work and even helping my parents with home chores. What were you doing at your grandmother's home?

Robert:.....
.....

Susan: Digging in the banana plantation. Is it where you got that wound from?

Robert:.....
.....

Susan: Sorry dear! Had you completed your holiday work when you went to your grandmother?

Robert:.....
.....

Susan: It is high time you explained to all the teacher why you didn't complete the holiday work, or else you're to be sent back home for two more weeks. I wish you good luck, my friend.

Robert:.....
.....

55. You sat your Primary Leaving Examinations and you performed very well. Write a letter to **the Head teacher, Hossana Secondary School, P.O.Box 143, Tororo, applying for a vacancy in Senior One**. In your letter, indicate your scores in the Primary Leaving Examinations. Use your school address.



HILLSIDE PRIMARY SCHOOL-NAALYA
MID TERM TWO EXAMINATIONS

2023

MATHEMATICS (Set Four)

Time Allowed: 2 Hours 30 Minutes

Index No.

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Candidate's Name.....

Candidate's Signature.....

EMIS No..... Stream

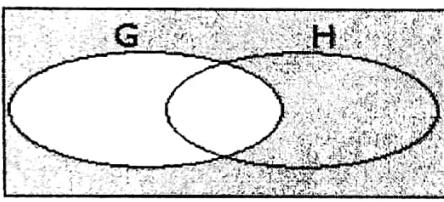
District

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		
TOTAL		

SECTION A: (40 Marks)

1. Workout : $24 \div 2$
2. Write "**three hundred one**" in figures
3. Describe the **un-shaded** part on the Venn diagram below
4. Work out: $8 + ^2$
5. Express 4:30 pm as a 24- hour clock time
6. Solve: $\frac{1}{2} k - 2 = 3$

7. Batte is 52 years old. Write his age in Roman numerals
8. Wasike bought 6 litres of honey. He later gave it out to children who shared it all and each received quarter litre. How many children did Wasike give honey?
9. Increase sh. 12,000 by 10%
10. Find the mean of $2y$, $y+4$, 6 and $y-2$
11. If 12 pens cost sh. 9600. What is the total cost of 8 similar books at the same rate?

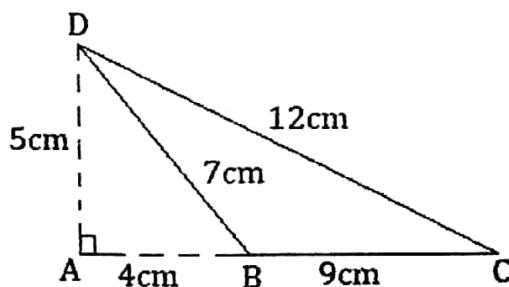
12. The bearing of town A from town B is 080° . Find the bearing of B from A

13. Solve for k in $2^k = 32$

14. After covering $\frac{3}{4}$ of her journey, Akide still had 9 kilometres to go. How long was her journey?

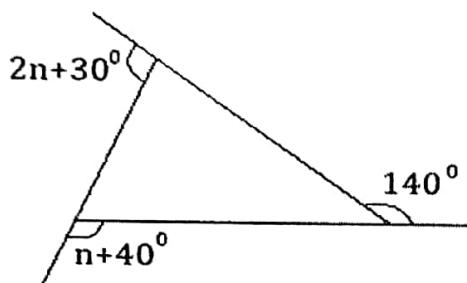
15. Express 246 in scientific notation.

16. Study the figure below and use it to the total distance around the shape BCD.



17. Two numbers are in a ratio of 6:7 respectively. When 12 is deducted from each number, the ratio becomes 3:4. Find the two numbers.

18. Use the diagram below to find the value of n .



19. Given that 8 men can construct a hut in 5 days, how many more days are needed if the hut is to be constructed by 4 men?

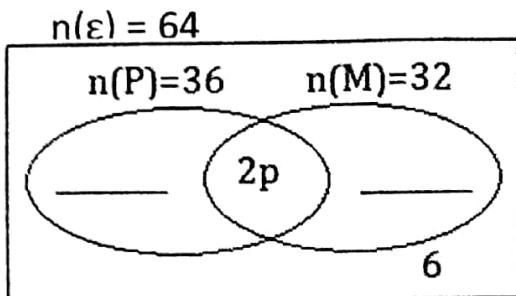
20. How many revolutions can a wheel of a car of diameter 35cm make to cover a distance of 2.2 kilometers?

SECTION B: (60 Marks)

21. In a group of 64 children, all of them like rice (R), 36 children like rice and posho (P), 32 like rice and matooke (M), 2p like all the foodstuffs while 6 children like only one type.

a) Complete the Venn diagram below.

(02 marks)



b) Find the value of p.

(02 marks)

c) How many children like only two types of food stuff? **(02 marks)**

22. Work out the following;

(02 marks@)

a) Hrs Min

$$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$$

b) Weeks Days

$$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$$

c) A mathematics examination that took $3\frac{1}{12}$ hours started at 11:25 a.m. At what time did it end? **(02 marks)**

23. In a class of 420 pupils, $\frac{1}{4}$ of them are boys and the rest are girls.

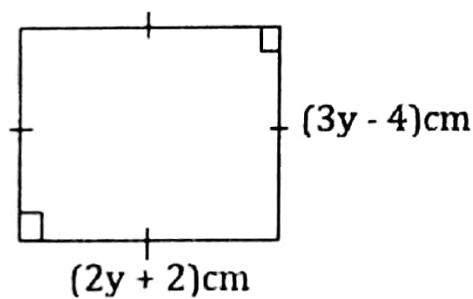
a) How many girls are there in the class? **(03marks)**

b) Given that $\frac{1}{3}$ of the boys and $\frac{3}{4}$ of the girls like singing. How many pupils like singing in the whole class? **(03 marks)**

24. a) Using a ruler, a pencil and a pair of compasses, construct a triangle MKL where KM = 5cm, MKL = 120° and KL = 6cm. **(04 marks)**

b) Measure line ML **(01 mark)**

25. Use the figure below to answer the questions that follow.



a) Find the value of y. **(02 marks)**

b) Workout the area of the figure above. **(02 marks)**

26. The sum of three consecutive even numbers is 120. If the middle number is h ,

a) Find the value of h . **(04 marks)**

b) Write the first number in words. **(01 mark)**

27. The interior angle of a regular polygon is 108^0 more than the exterior angle.

a) Calculate the size of each exterior angle **(03 marks)**

b) How many sides has the polygon?

(02 marks)

28. a) Simplify: $\frac{2.4 \times 1.8}{0.12 \times 3.6}$

(03 marks)

b) Simplify : $1\frac{1}{2} - 2\frac{1}{4} \div 2\frac{3}{4}$

(02 marks)

29. Mugolo is five times as old as Opolot. Four years ago, the difference in their age was 24 years. How old is Mugolo now? **(04 marks)**

30. a) Mr. Engoru's car covers 8km per litre of petrol. How much money will it take him to cover a journey of 344km if each litre costs sh.5000?

(03 marks)

b) Ongom used 30minutes to cover a certain distance at a speed of 6km/hr. How much longer would he take if he walked at 4km/hr? **(02 marks)**

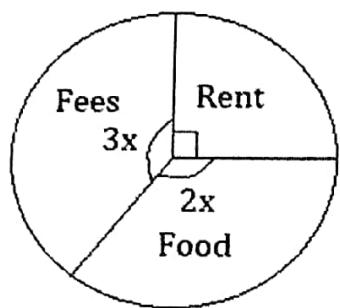
31. a) Increase 1200 in the ratio of 3:4

(03 marks)

b) Express 60 as a ratio of 80

(02 marks)

32. The pie-chart below shows how Mr. Mbareba spends his wages of sh. 360,000



- a) Find the value of X . **(02 marks)**
- b) How much more money does he spend on fees than on rent? **(03 marks)**

END