



## UGANDA NATIONAL EXAMINATIONS BOARD

### PRIMARY LEAVING EXAMINATION

2023

MATHEMATICS

**Time Allowed: 2 hours 30 minutes**

Random No.	Personal No.

Candidate's Name: .....

Candidate's Signature: .....

District ID No.

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**Read the following instructions carefully:**

1. Do not write your **school or district name** anywhere on this paper.
2. This paper has **two** sections: **A** and **B**. Section **A** has **20** questions and section **B** has **12** questions. The paper has **15 printed pages**.
3. Answer **all** the questions. **All** the working for both sections **A** and **B** must be shown in the spaces provided.
4. **All** the working **must** be done using a **blue** or **black** ball point pen or ink. Any work done in pencil other than graphs and diagrams will **not** be marked.
5. **No calculators** are allowed in the examination room.
6. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.
7. Do not fill anything in the table indicated: "**FOR EXAMINERS' USE ONLY**" and boxes inside the question paper.

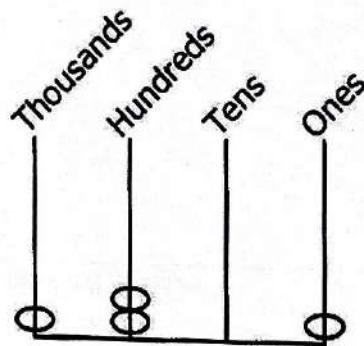
FOR EXAMINERS' USE ONLY		
QN. NO.	MARKS	EXR'S NO.
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
<b>TOTAL</b>		

**SECTION A: 40 MARKS**

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

1. Work out:  $63 + 54$

2. Write the base ten number shown on the abacus below.



3. Given that  $R = \{a, b, c, d\}$  and  $S = \{a, f, p, c, s\}$ , find  $n(R \cup S)$ .

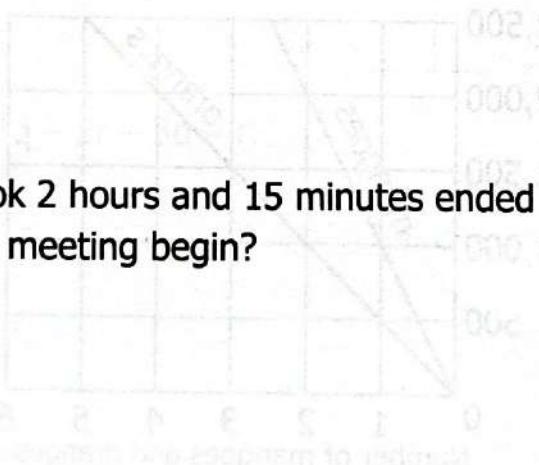
4. Arrange the integers  $-3, 4, 0$  and  $-1$  in ascending order.

5. A training for scouts started on a Wednesday and took 30 days. Find the day of the week on which the training ended.

6. Change 750 millilitres into litres.

7. Find the value of  $4^2 + 3^2 \times 9^0$ .

8. A meeting that took 2 hours and 15 minutes ended at 1:20 p.m. At what time did the meeting begin?



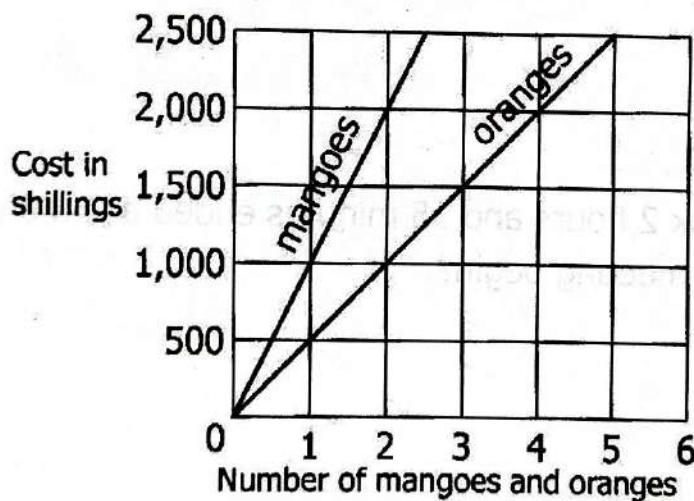
9. Write the solution set for the inequality  $P \leq 3$ .

10. Find the next number in the sequence:

1, 8, 27, 64, .....

11. Change  $14_{\text{ten}}$  to base three.

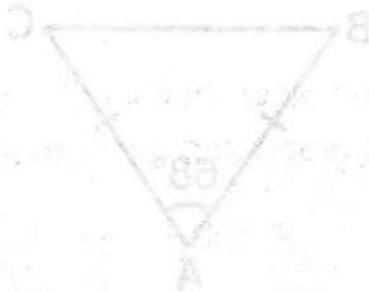
12. The graph below shows the cost in shillings of mangoes and oranges. Study the graph and use it to answer the question that follows.



Find the total cost of 2 mangoes and 3 oranges.

13. Given that  $78t$  is a three-digit number which is divisible by 9, find the digit represented by  $t$ .

14. Using a ruler and a pair of compasses only, construct an angle of  $45^\circ$  in the space below.

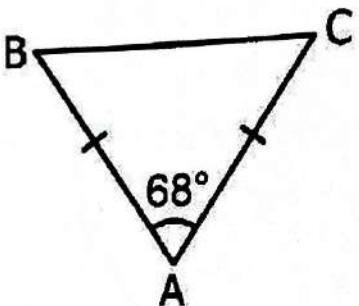


15. Simplify:  $5q - 2r - 3q - r$ .

16. A farmer sold the following number of eggs in a period of three days; 62, 73 and 78. Calculate the average number of eggs the farmer sold in that period.

17. A businessman bought a watch at sh 45,000. He sold it and made a loss of sh 1,500. Find his selling price.

18. In the diagram below, calculate the size of angle ABC.



19. In one hour, the minute hand of a clock covers 88 cm. Calculate the length of the minute hand. (Use  $\pi = \frac{22}{7}$ )

20. A pupil scored  $\frac{20}{25}$  in the first term Mathematics test and  $\frac{18}{20}$  in the second term Mathematics test. In which test did the pupil perform better?



## **SECTION B: 60 MARKS**

*Answer all the questions in this section.*

*Marks for each question are indicated in brackets.*

21. (a) Simplify:  $\frac{1}{2} - \frac{1}{4} \div \frac{4}{5}$  (03 marks)



(b) Work out: 
$$\frac{0.27 \times 1.2}{0.9}$$

(02 marks)

22. An athlete covered 400 metres in 48 seconds. Calculate the speed of the athlete in kilometres per hour.

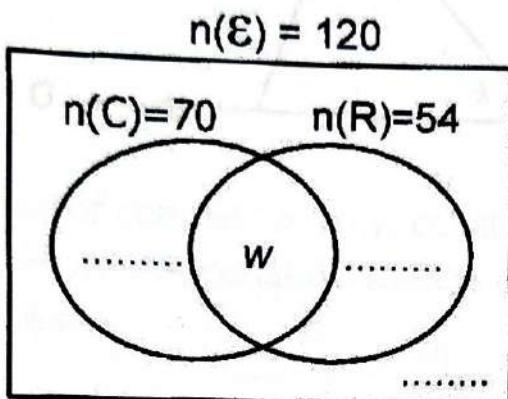
(04 marks)



23. A total of 120 guests were invited for a marriage ceremony. 70 guests attended the church service (C), 54 guests attended the reception (R) and  $w$  guests attended both the church service and the reception. 40 guests did not turn up for the marriage ceremony.

(a) Use the given information to complete the Venn diagram below.

(03 marks)



(b) Calculate the number of guests who attended both the church service and reception.

(02 marks)

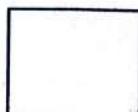
24. In a certain school, there are 126, 90 and 72 pupils in Primary Five, Six and Seven respectively. In each class, groups with equal number of pupils were formed.

(a) Find the largest number of pupils in each group.

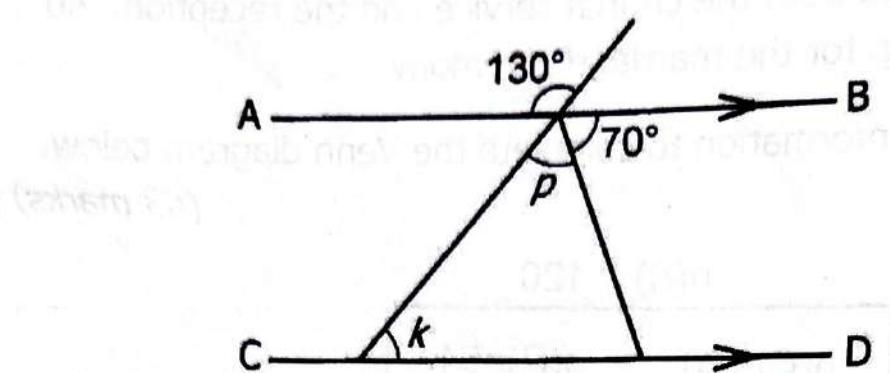
(03 marks)

(b) How many groups were formed in Primary Five?

(02 marks)



25. In the diagram below, line AB is parallel to line CD. Study the diagram and use it to answer the questions that follow.



Find the size of;

- (a) angle p.

(02 marks)

- (b) angle k.

(02 marks)

26. A carton of salt contains 40 packets. Each packet has a mass of 250 grammes.

- (a) Work out the mass in Kilogrammes, of all the packets of salt in the carton.

(02 marks)

- (b) A family uses a packet of salt every 5 days. Find the number of days the carton will last the family. (02 marks)

27. Using a ruler and a pair of compasses only, construct a kite ABCD in which diagonal  $AC = 6$  cm. Diagonal BD bisects AC at X such that  $BX = 3$  cm and  $DX = 5$  cm. (05 marks).



28. A man is four times as old as his daughter. Six years ago, the sum of their age was 48 years.
- Find; (03 marks)
- (a) the age of the daughter now.
- (b) the age of the man six years ago. (02 marks)

29. A bank bought and sold foreign currencies in Uganda shillings (Ug.sh) on a certain day as shown in the table below. Study the table and use it to answer the questions that follow.

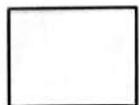
Currency	Buying in Ug.sh	Selling in Ug.sh
1 Kenya shilling (Ksh)	24	26
1 US dollar (\$)	3,900	3,950
1 Great Britain pound (£)	4,400	4,700

- (a) A tourist had £600 and exchanged them for Uganda shillings. Find the amount of money in Uganda shillings the tourist got. (02 marks)

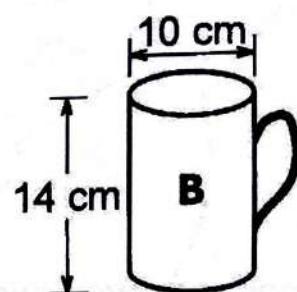
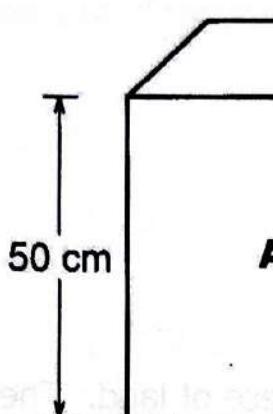
- (b) Moses had US dollars 200 to exchange for Kenya shillings. Find the amount of money in Kenya shillings he got from the bank.  
*(04 marks)*

30. A farmer employed two workers to dig a piece of land. The first worker could dig the land alone in 6 days. The second worker could dig the same piece of land alone in 3 days. The two workers dug the land together.
- (a) Find the number of days they took to dig the piece of land.  
*(04 marks)*

- (b) The farmer paid each worker sh 15,000 per day. Calculate the amount of money the farmer spent to dig the piece of land.  
*(02 marks)*



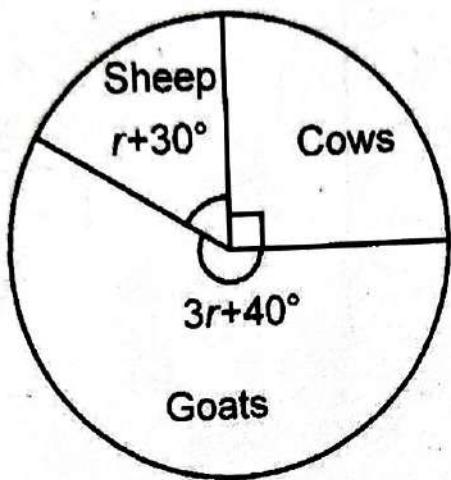
31. Forty full cups of water in cup **B** fill container **A**. Study the diagrams and answer the questions that follow.



(a) Find the volume of cup **B**. (Use  $\pi = \frac{22}{7}$ ) (02 marks)

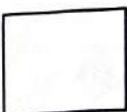
(b) Calculate the base area of container **A**. (03 marks)

32. The pie chart below represents the number of animals reared on Amany's farm. Study the pie chart and use it to answer the questions that follow.



(a) Find the value of  $r$ . *(02 marks)*

(b) Given that there are 11 more goats than sheep on the farm, calculate the total number of animals on the farm. *(04 marks)*





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2023

ENGLISH

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**Candidate's Signature:** .....

**District ID No.**

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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.

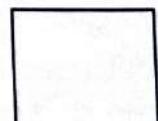
### **Sub-Section I**

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

1. .... old are you, Mary?
2. The angry dog ..... the thief's leg as he tried to escape.
3. A lion is ..... fierce than a leopard.
4. That is the journalist to ..... we gave our articles to publish.
5. Our cat has been feeding all its newborn ..... on mice.

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

6. Aisha will buy ..... when she goes to Parombo Market.  
(tomato)
7. The fishmonger ..... all his fish at a profit yesterday. (sell)
8. The athlete was so ..... that he could not run any further.  
(thirst)
9. Nakato is the ..... girl in our school. (strong).
10. Geno Victor was ..... his school uniform when the visitor arrived. (iron)



11. The accident occurred because of the ..... of the cyclist.  
(careless)
12. Mother ..... breastfeeds the baby before she goes to work. (normal)
13. My cousin is not a Kenyan but an ..... (Egypt)

14. The teacher was pleased with the old man's good ..... towards the school children. (behave)

15. Our mock results were arranged in ..... order. (ascend)

*In each of the questions 16 and 17, rearrange the given words in alphabetical order.*

16. near, far, after, before

.....

17. purple, brown, pink, blue

.....

*In each of the questions 18 to 20, rewrite the sentences giving one word for the underlined group of words.*

18. We visited sick people at Mulago Hospital last Sunday.

.....

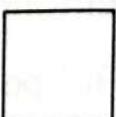
19. Some of his supporters went on rejoicing even after he had lost the election.

.....

.....

20. The windows were not closed when the visitors arrived.

.....



*For questions 21 and 22, write the full forms of the given short forms.*

21. it's .....

22. Wed. .....

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

23. wear .....

24. where .....

*For questions 25 and 26, give the plural forms of the given words.*

25. bench .....

26. dining room .....

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

27. Chesuro always turns off the security lights before going to bed.

.....

28. The head teacher's office is on the upper floor of the new building.

.....

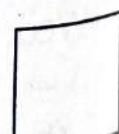
*For questions 29 and 30, rearrange the given words to form correct sentences.*

29. people Many attended graduation his.

.....

30. doing tomorrow anything Are morning you?

.....



## Sub-Section II

For each of the questions 31 to 50, rewrite the sentences as instructed in brackets.

31. Kharobo is my sister. Her daughter is my niece. (*Rewrite as one sentence using: ..... but .....*)

.....

32. I did not hand in my book to the teacher. He did not mark my work. (*Rewrite as one sentence beginning: If .....*)

.....

33. I am tall. My brother is very tall. (*Rewrite as one sentence using: ..... as ..... as .....*)

.....

34. Parents should teach their children to do domestic chores. (*Rewrite the sentence beginning: It is important .....*)

.....

35. Of the two games, which one did you choose? (*Rewrite the sentence ending: ..... choice?*)

.....

36. The girl won the election. She was sworn in yesterday. (*Rewrite as one sentence using: ..... who .....*)

.....

37. Kassim said that he would see the doctor the following day. (*Rewrite the sentence using: ".....," said Kassim.*)

.....

38. Avoid playing with sharp objects because they may hurt you. (*Rewrite the sentence beginning:* Do not .....)

.....  
.....

39. What is the use of sandpaper in carpentry? (*Rewrite the sentence using:* ..... used for.....)

.....

40. They saw a very big snake. They were cutting down a tree. (*Rewrite as one sentence beginning:* When .....)

.....

41. Did Mr. Andama read the news? (*Rewrite the sentence ending:* ..... Mr. Andama?)

.....  
.....

42. Tumukunde's mother is a very hard-working woman. (*Rewrite the sentence beginning:* What .....!)

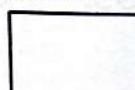
.....  
.....

43. A police car arrived immediately the accident occurred. (*Rewrite the sentence beginning:* No sooner .....)

.....  
.....

44. All babies are fed on milk. (*Rewrite the sentence beginning:* Every .....)

.....  
.....



45. If you eat plenty of fresh fruit and vegetables, you will keep healthy.  
*(Rewrite the sentence beginning: The more .....)*

.....  
.....

46. Kasula went to the library at 10.00 a.m. She is still in the library.  
*(Rewrite as **one** sentence using: ..... since .....)*

.....  
.....

47. Bruno finished his homework. We then went out to play. *(Rewrite as **one** sentence beginning: After .....)*

.....  
.....

48. The Bible is an important book. The Koran is also an important book.  
*(Rewrite as **one** sentence using: ..... and so .....*)

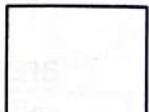
.....  
.....

49. It is not good to be cruel to the poor. *(Rewrite the sentence beginning: Being .....*)

.....  
.....

50. The guest of honour may arrive at the venue early. *(Rewrite the sentence using: ..... likely .....*)

.....  
.....



## **SECTION B: 50 MARKS**

Questions 51 to 55 carry ten marks each.

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

Berabera Town Council is one of the busiest places in our district. It is the only town council where there are two market days in a week - Tuesday and Saturday. On these days, it is full of people.

A few years ago, people were throwing away plastic materials just anywhere and anyhow. Nobody minded about the proper disposal of these materials. Two friends, Mujuni and Ateyot, were however, not pleased with this. They had learnt from their teachers how dangerous such materials are to people and their environment.

First, the materials do not decay, so they destroy the soil by preventing air and water movements. Secondly, they may contain water in which mosquitoes lay eggs. Thirdly, they make the environment look ugly.

The two friends had also learnt that a number of items could be made out of these materials. They learnt this when they had an educational tour in Jinja.

One Saturday morning, Mujuni and Ateyot decided to move from place to place, picking plastic materials. This shocked the residents. They thought the two friends had gone mad. For sure they had seen only mad people do such a thing. Even their own parents were shocked to see them.

"What's the matter with the two of you?" "This is so embarrassing!" Ateyot's father asked.

Ateyot smiled and asked her father to wait and see. In fact, they knew what they were doing. A few days later, they began making items out of the plastic materials they had collected. They made bags, mats, dolls, sandals, toy cars and belts, which they sold and earned money. With their earnings, they bought waste bins which were placed at most shops and stalls. They also bought tree seedlings which they distributed to communities around.

Today, everybody is happy with the two friends. Last week, the area Member of Parliament visited the town council. She donated two million shillings to them. When she was invited for a talk show on Rock FM, she declared Mujuni and Ateyot heroes. She advised the youth in the district to wake up and protect their environment.

(a) How many market days are in Berabera Town Council?

.....

(b) What had the two friends learnt from their teachers?

.....

.....

(c) How do plastic materials destroy the soil?

.....

.....

(d) Why do mosquitoes lay eggs in plastic materials?

.....

.....

(e) How did the two friends benefit from the educational tour they had in Jinja?

.....

.....

(f) Why did the residents think that the two friends had gone mad?

.....

.....

(g) What did the two friends do with their earnings?

.....

.....

(h) How much money did the area Member of Parliament donate to the two friends?

.....

.....

(i) What advice did the Member of Parliament give to the youth in the district?

.....

.....

(j) Give a suitable title to this passage.

52. The document below was used for paying school fees in one of the banks. Study it carefully and then answer, in full sentences, the questions that follow.

GRAND BANK	
BANK PAYING-IN SLIP	
SCHOOL NAME: KARIBU BOARDING PRIMARY SCHOOL	
ACCOUNT NUMBER: 301000162077	
PUPIL'S NAME: KUSASIRA MARTHA	
CLASS: P7	
DATE: 18/09/2023	
NOTES/COINS	AMOUNT
50,000=	50,000/=
20,000=	80,000/=
10,000=	20,000/=
5,000=	-
2,000=	-
1,000=	-
500=	-
200=	-
100=	-
50=	-
Bank charge	3,000/=
Total	153,000/=

Total amount paid in words: One hundred fifty -three thousand shillings only.

Paid in by: Nera Timothy  
Received by: Nalutaya Agnes

Sign: Nera Tim

(a) What is the above document called?

.....

(b) In which bank was the document used?

.....

(c) For which school is the above document?

.....

(d) Whose school fees was paid using the above document?

.....

.....

(e) Why was it important to indicate the pupil's class on this document?

.....

.....

(f) When was the above document used?

.....

.....

(g) How much money was paid using notes of twenty thousand shillings?

.....

.....

(h) How much money was paid as school fees?

.....

.....

(i) Who took the school fees to the bank?

.....

.....

(j) Who was the cashier on the day the above document was used?

.....

.....

.....

.....

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

A wonderful place  
My school is,  
Surrounded by a beautiful hedge,  
And with classrooms  
Spacious enough and kept neat.

A wonderful place  
My school is,  
With knowledgeable and friendly teachers  
Teaching us in two languages,  
Our local language and English.

A wonderful place  
My school is,  
How comfortable we feel  
When our teachers make learning  
Really enjoyable for us all.

Fellow children,  
Come to our school  
And have fun  
As you study different subjects,  
Come and have the best education.

***Akullu Jessica***

- (a) What is the poem about?

.....

- (b) Who is speaking in the poem?

.....

- (c) How many stanzas does the poem have?

.....

- (d) What is surrounding the school?

.....

(e) How many languages are used for teaching in that school?

.....

(f) How do the school children feel when their teachers make learning enjoyable for them?

.....  
.....

(g) Why is the speaker inviting fellow children to the school?

.....  
.....

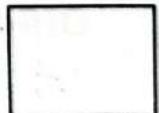
(h) Why do you think pupils in this school would perform well in their examinations?

.....  
.....

(i) Give another word or group of words with the same meaning as each of the **underlined** words in the poem.

(i) neat .....

(ii) study .....



54. One afternoon, a girl called Kawudha Brenda sought help from a traffic police officer who was at the side of a busy road. What the traffic police officer said is given below. Write, in the blank spaces provided, what the girl said.

**Girl:** .....

**Officer:** Good afternoon, girl.

**Girl:** .....

**Officer:** Oh! Nice name! I am Inspector Drici Bravo. So, how can I help you, Brenda?

**Girl:** .....

**Officer:** Oh, no! You don't have to fear vehicles if you want to cross the road.

**Girl:** .....

**Officer:** To cross the road more easily, you use a zebra crossing.

**Girl:** .....

**Officer:** A zebra crossing is a black and white path across the road where vehicles must stop for people to walk across safely.

**Girl:** .....

**Officer:** When you get to a zebra crossing, stop and look right, left and right again before crossing.

**Girl:** .....

**Officer:** Yes, drivers will stop when they see you standing at the zebra crossing.

**Girl:** .....

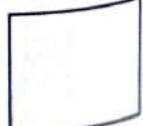
**Officer:** Yes, there is a zebra crossing near here. Let's go there so that I may help you cross the road.

**Girl:** .....

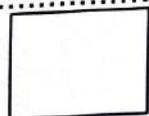
**Officer:** You're welcome. Helping young children like you is one of my duties.

**Girl:** .....

**Officer:** Goodbye Brenda!



55. Imagine you are a P.6 pupil of **Sipi Boarding Primary School, PO Box 52, Nyanga**. Your uncle is wedding next weekend on 18<sup>th</sup> November 2023. Write to your head teacher asking him/her to allow you to go and attend the wedding ceremony. Tell him/her when you expect to leave for home and to return to school. Also suggest how you will catch up with the rest of the pupils in your class since you are going to miss some lessons.



**END**



# UGANDA NATIONAL EXAMINATIONS BOARD

## PRIMARY LEAVING EXAMINATION

2023

SOCIAL STUDIES WITH RELIGIOUS EDUCATION

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**Candidate's Signature:** .....

**District ID No.**

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44 - 46		
47 - 49		
50 - 52		
53 - 55		
<b>TOTAL</b>		

## **SECTION A: 40 MARKS**

**Questions 1 to 40 carry one mark each.**

1. Give any **one** reason why it is important to use a common language in a community.

.....

2. State **one** way of caring for elderly people in our homes.

.....

3. Name any **one** tax introduced by the colonialists in Uganda.

.....

4. State **one** reason why you would **not** advise fishermen to use herbs as a method of fishing.

.....

5. Give any **one** negative effect of the collapse of the East African Community (EAC) in 1977 on the development of East African Countries.

.....

6. Mention any **one** reason why school children should be taught practical skills.

.....

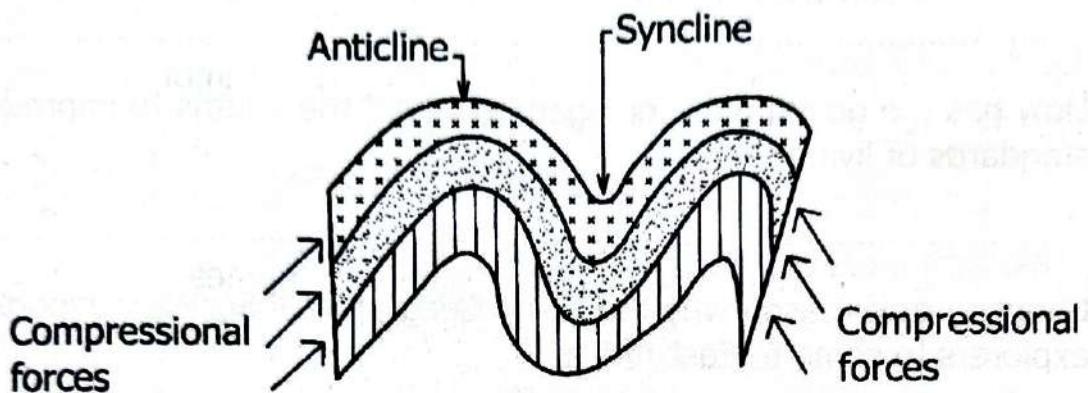
7. What is the meaning of the word **recycling** as used in environmental protection?

.....

8. Give **one** reason why a birthday party is called a social activity.

.....

9. Name the type of mountain formed as a result of the process shown below.



10. Give any **one** way in which billboards promote trade in the community.
- .....

11. How does the distance of an area from large water bodies affect the climate of the surrounding land?
- .....

12. Write any **one** contribution of United Nations Educational Scientific and Cultural Organization (UNESCO) to the development of Uganda.
- .....

13. How are rubber trees important to the transport sector in Africa?
- .....

14. Give **one** reason why plants in desert areas have deep roots.
- .....

15. What role did Ludwig Krapf play towards the spread of Christianity in East Africa?
- .....

16. State any **one** way in which a high population may negatively affect the provision of social services in an area.
- .....
17. How has the government of Uganda helped the youths to improve their standards of living?
- .....
18. Give any **one** reason why the Royal Geographical Society supported the explorers to come to East Africa.
- .....
19. State any **one** way in which the national constitution guides people on the use of the Uganda National Flag.
- .....
20. Mention any **one** reason why the citizens of East Africa should live in peace among themselves.
- .....
21. How does afforestation reduce landslides on mountain slopes?
- .....
22. State any **one** way in which feeder roads promote development in rural areas of Uganda.
- .....
23. Why are traffic police officers encouraged to wear jackets with reflectors while on duty?
- .....
24. Write any **one** factor that enables people to survive in semi-desert conditions.
- .....

25. State any **one** benefit of giving information on weather to people.

.....

26. Why would you encourage your fellow pupils to recite their school motto at every assembly?

.....

27. State any **one** requirement for a citizen to be elected a chairperson of a local council committee in Uganda.

.....

28. Write any **one** way through which parents can ensure equal treatment of boys and girls at home.

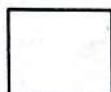
.....

29. Mention any **one** practice that shows that Uganda was at one time a British Protectorate.

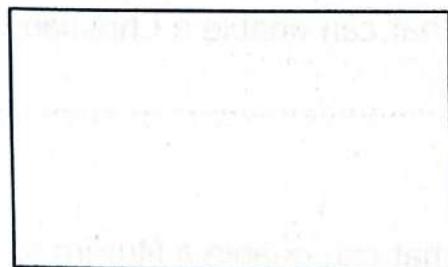
.....

30. Give **one** reason why the Antarctica continent is not suitable for human settlement.

.....



31. Draw a map symbol showing an airport in the space provided below.



32. State any **one** way in which the government of Uganda is promoting the children's right to education.

.....

33. Give any **one** benefit of a market to a neighbouring school.

.....  
34. Why is East Africa referred to as the cradle land of the human race?

.....  
35. Write any **one** challenge faced by miners who use the underground method of mining.

For each of the questions **36** to **40**, answer **EITHER** the Christian **OR** Islamic question but **not** both. **No marks** will be awarded to a candidate who attempts both alternatives in a **particular number**.

36. **EITHER:**

Give **one** reason why Joseph was sold to the Midianite traders (Ismaelites) by his brothers.

.....  
**OR:**

Give **one** reason why Yusuf was sold to the Midianite traders (Ismaelites) by his brothers.

37. **EITHER:**

Write any **one** practice that can enable a Christian to live a faithful life.

.....  
**OR:**

Write any **one** practice that can enable a Muslim to live a faithful life.

**38. EITHER:**

State any **one** way in which a Christian child can care for fellow pupils.

.....

**OR:**

State any **one** way in which a Muslim child can care for fellow pupils.

.....

**39. EITHER:**

State any **one** role of angels in Christianity.

.....

**OR:**

State any **one** role of angels in Islam.

.....

**40. EITHER:**

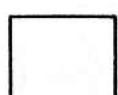
State any **one** way in which Christians can participate in the development of their communities.

.....

**OR:**

State any **one** way in which Muslims can participate in the development of their communities.

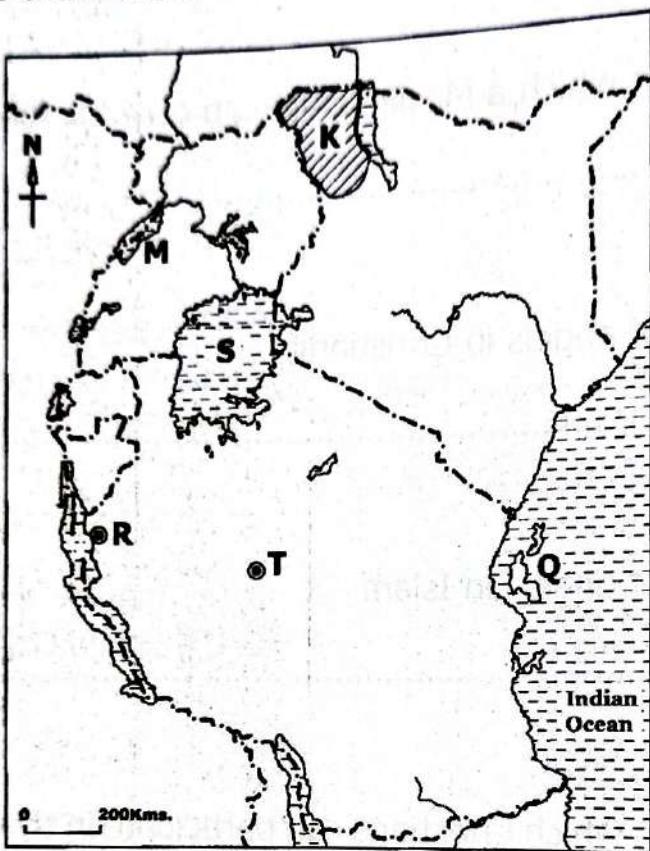
.....



## SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. Study the sketch map of East Africa below and use it to answer the questions that follow.



- (a) State **one** economic activity carried out by the people in the shaded area **K**.
- .....
- (b) How was the formation of lake **S** different from that of lake **M**?
- .....
- .....
- (c) In which **one** way was the town **T** and Island **Q** important to the Arabs?
- .....
- (d) Name the explorer whom Henry Morton Stanley met at the place marked **R**.
- .....

42. (a) Name **one** symbol of authority used by the Speaker of Parliament of Uganda during parliamentary sessions.

.....

(b) State any **one** role played by each of the following in Parliament:

(i) Clerk to Parliament. .....

.....

(ii) Sergeant-at-Arms. .....

.....

(c) Give the difference between a bill and a law.

.....

.....

43. (a) Give any **two** ways in which decentralisation of power to local leaders benefit the people of Uganda.

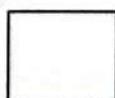
(i) .....

(ii) .....

(b) State any **two** challenges being faced by new districts in Uganda.

(i) .....

(ii) .....



44. (a) What is the difference between donations and loans as sources of government income?

.....

.....

(b) Give **two** reasons why the government of Uganda allocates money to Ministry of Education and Sports every financial year.

(i) .....

(ii) .....

(c) Write **one** role of an adult citizen in funding the national budget.

.....

45. (a) State any **two** factors which delayed independence of African countries.

(i) .....

(ii) .....

(b) Write any **two** ways in which the First and Second World Wars helped to speed up independence of African countries.

(i) .....

(ii) .....

46. (a) Give any **two** reasons why Germany colonised Tanganyika.

(i) .....

(ii) .....

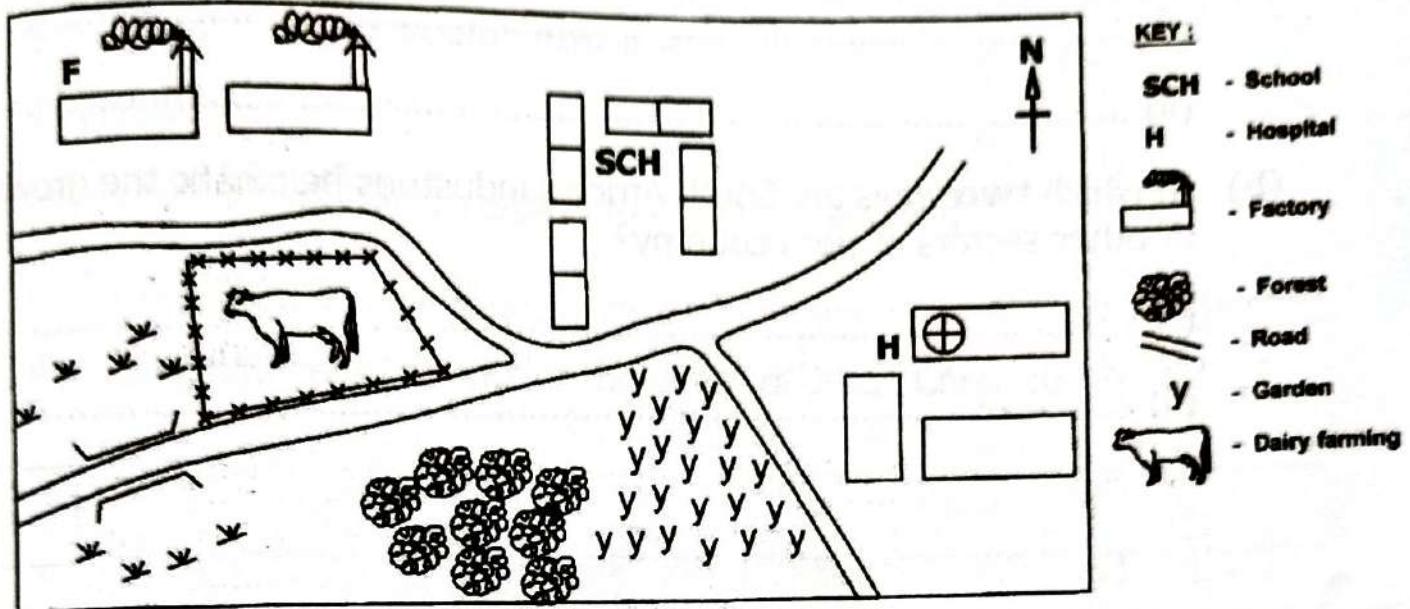
(b) State any **two** positive effects of German East Africa Company (GEACO) on the development of East Africa.

(i) .....

(ii) .....



47. Below is a sketch map of an area. Use it to answer the questions that follow.



(a) Identify any **one** economic activity carried out in the area.

.....

(b) Give any **one** social service provided in the area.

.....

(c) State any **one** way in which people benefit from the area marked F.

.....

(d) Write any **one** way in which people can care for the resources in the area.

.....

48. (a) State any **two** reasons why you would visit any one tourist attraction site in Uganda.

(i) .....

(ii) .....

(b) Give any **two** contributions of tourism industry to the development of East Africa.

(i) .....

(ii) .....

49. (a) State any **two** factors that have made South Africa the most industrialised country in Africa.

(i) .....

(ii) .....

(b) In which **two** ways are South Africa's industries helpful to the growth of other sectors of her economy?

(i) .....

(ii) .....



50. (a) In which **two** ways have regional groupings promoted trade in Africa?

(i) .....

(ii) .....

(b) State any **two** benefits Uganda can get by participating in peace keeping missions in Africa.

(i) .....

(ii) .....

For each of the questions **51** to **55**, answer **EITHER** Christian **OR** Islamic questions but **not** both. **No mark** will be awarded to a candidate who attempts both alternatives in **a particular number**.

**51. EITHER:**

- (a) Who is a martyr according to Christian teaching?

.....

- (b) Give any **two** benefits of the death of Jesus Christ to Christians.

(i) .....

(ii) .....

- (c) What lesson can a Christian learn from the life of Mbaga Tuzinde?

.....

**OR:**

- (a) Who is a martyr according to Islamic teaching?

.....

- (b) Give any **two** positive results of the battles between Muslims and the Meccans.

(i) .....

(ii) .....

- (c) What lesson can a Muslim learn from the wars fought by Prophet Muhammed (P.B.U.H) in Madina?

.....

**52. EITHER:**

- (a) Give any **two** reasons why children should obey their parents.

(i) .....

(ii) .....

(b) State any **two** ways in which Christians can avoid evil practices in their communities.

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

**OR:**

(a) Give any **two** reasons why children should obey their parents.

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

(b) State any **two** ways in which Muslims can avoid evil practices in their communities.

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

**53. EITHER:**



"I am nobody. How can I go to the King and bring the Israelites out of Egypt?" (Exodus 3:11)

(a) What made Moses to say the above words?

.....

(b) State **two** miracles Moses performed in order to convince Pharaoh to release the children of Israel.

(i) ....

(ii) ....

(c) Give any **one** lesson you learn from the above quotation.

.....

**OR:**

"Proper it is for me that I say nothing concerning Allah but the truth. Indeed, I have come unto you from your Lord with a clear proof. So let the children of Israel depart along with me". (Surat Al – Araf 7:105)

- (a) What made Prophet Musa to say the above words?

.....

- (b) State **two** miracles Prophet Musa performed in order to convince Firaun (Pharaoh) to release Ban Israel.

(i) .....

(ii) .....

- (c) Give any **one** lesson you learn from the above quotation.

.....

**54. EITHER:**

- (a) State any **two** ways in which the Uganda Joint Christian Council (UJCC) has promoted the social welfare of people.

(i) .....

(ii) .....

- (b) In which **two** ways can the Inter-Religious Council (IRC) promote unity in Uganda?

(i) .....

(ii) .....

**OR:**

- (a) State any **two** ways in which the Uganda Muslim Supreme Council (UMSC) has promoted the social welfare of people.

(i) .....

(ii) .....

(b) In which **two** ways can the Inter-Religious Council (IRC) promote unity in Uganda?

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

**55. EITHER:**

(a) Give the meaning of the following Sacraments in Christianity:

- (i) Baptism. ....
- (ii) Holy Communion. ....

(b) Write **two** conditions that can enable a Christian to take part in Holy Communion.

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

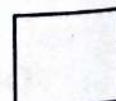
**OR:**

(a) Give the meaning of the following pillars in Islam:

- (i) Zakah. ....
- (ii) Hijjah. ....

(b) Write **two** conditions that enable a Muslim to observe Hijjah.

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





## UGANDA NATIONAL EXAMINATIONS BOARD

### PRIMARY LEAVING EXAMINATION

**2023**

#### INTEGRATED SCIENCE

**Time Allowed: 2 hours 15 minutes**

Random No.	Personal No.

**Candidate's Name:** .....

**Candidate's Signature:** .....

**District ID No.**

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**Read the following instructions carefully:**

1. Do not write your **school or district name** anywhere on this paper.
2. This paper has two sections: **A** and **B**. Section **A** has **40** questions and section **B** has **15** questions. The paper has **15 printed pages** altogether.
3. Answer **all** questions. **All** answers to both sections **A** and **B** must be written in the spaces provided.
4. All answers **must** be written using a **blue** or **black** ball point pen or ink. Any answer or work written in pencil other than drawings will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss** of marks.
6. Do not fill anything in the table indicated: "**FOR EXAMINERS' USE ONLY**" and boxes inside the question paper.

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

## SECTION A: 40 MARKS

Questions **1** to **40** carry one mark each.

1. Name the type of teeth which develops last in human beings.

.....

2. Give any **one** way in which timely weeding of crops helps to control crop diseases.

.....

3. Give **one** element of weather which helps plants to make their own food.

.....

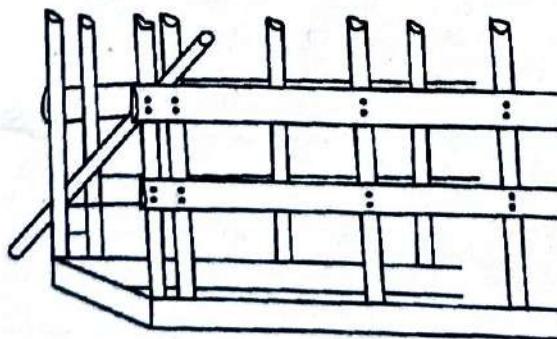
4. State the purpose of pressing the belly of a casualty of near drowning.

.....

5. Give any **one** reason why fish are able to live in water.

.....

The diagram below shows a structure in a cattle farm. Study and use it to answer questions **6** and **7**.



6. Mention any **one** farm activity carried out in the above structure.

.....

7. How is the above structure useful when carrying out the farm activity you have mentioned above?

.....

8. Name the excretory organ that removes water and carbon dioxide from the human body.
- .....

9. Mention any **one** similarity between fungi and animals in the way they feed.
- .....

10. State **one** way in which the screen on the pipe of a VIP latrine helps to control diarrhoeal diseases.
- .....

11. State any **one** piece of advice you can give to children to help them prevent indigestion.
- .....

12. State any **one** way in which you can safeguard yourself against smoking.
- .....

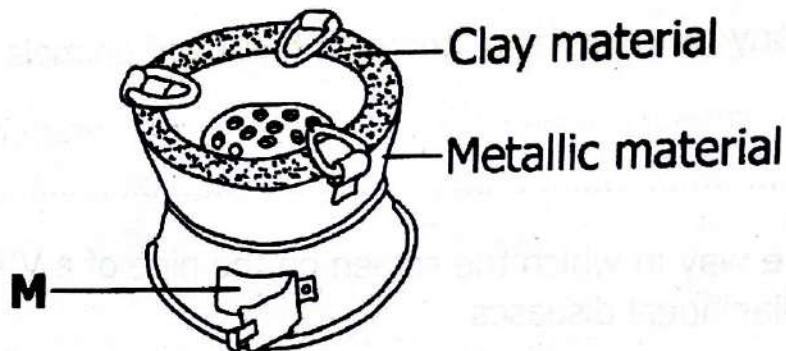
13. Give the reason why most cooking pans are made of aluminium.
- .....

14. State **one** reason why the use of soap makes washing clothes easy.
- .....

15. Apart from deforestation, mention any **one** other human activity that can result into flooding in our environment.
- .....

16. Mention any **one** sign of roundworm infestation in humans.
- .....

The diagram below shows a metallic charcoal stove. Study and use it to answer questions **17** and **18**.



17. Give the function of the part labelled **M**.

.....

18. State **one** advantage of building the inner wall of the charcoal stove with clay.

.....

19. State any **one** disadvantage of people living with domestic animals in the same house.

.....

20. Give **one** way in which the use of biogas is helpful in the conservation of environment.

.....

21. State the effect of opaque objects on a beam of light.

.....

22. Apart from making candles, mention any **one** other way in which bees-wax is useful to people.

.....

23. State any **one** reason why farmers are encouraged to preserve food stuffs like sweet potatoes.

.....  
.....

24. Name any **one** force which a pulley overcomes when it is being used.

.....

25. State **one** way in which a mask is important in maintaining the proper functioning of the respiratory system.

.....  
.....

26. Apart from having bright colours, state any **one** other thing that attracts pollinators to flowers.

.....

27. State any **one** way of caring for simple garden tools.

.....

28. State **one** way in which the Child Health Card is important to a parent.

.....  
.....

29. State any **one** factor that affects the pitch of sound produced by an object.

.....

30. Name any **one** body part that may be checked during a school health parade.

.....



31. State any **one** way in which screws can be important in our daily life.

.....  
.....

32. Apart from being a source of food, give the reason why farmers hang green vegetables in poultry houses.

.....  
.....

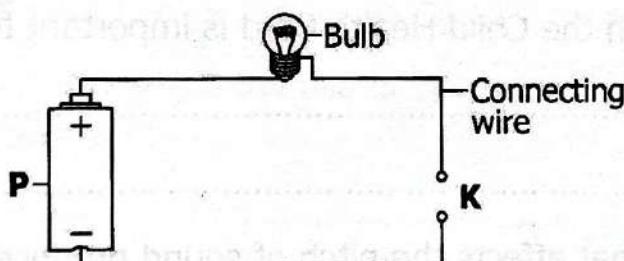
33. State any **one** change in food which shows that food has gone bad.

.....

34. State what would be observed when a plastic pen rubbed in hair is brought close to small pieces of paper.

.....

The diagram below represents a simple electric circuit. Study and use it to answer questions **35** to **36**.



35. Give the function of **P** in the circuit.

.....

36. Why would the bulb **not** light when a piece of glass is used to close **K**?

.....

37. Name any **one** part of the human body where a gliding joint is found.

.....

38. State any **one** reason why pruning of trees is important in agroforestry.

.....  
.....

39. Write down any **one** activity that a School Environment Club can do to protect a school water source.

.....  
.....

40. State **one** reason why a person suffering from HIV/AIDS is easily attacked by many other diseases.

.....  
.....

To do O	Vaccination	(a) Mental	Health	etc	etc
frontiers	back to front	benefits	me		
-	-	-	-	-	-
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.....

## SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. (a) State any **two** effects of rusting on iron sheets.

(i) .....

(ii) .....

- (b) Identify **two** ways in which people protect iron sheets from rusting.

(i) .....

(ii) .....

42. The table below shows an example of a farm record. Study and use it to answer the questions that follow.

Date	Health problem	Animal(s) affected	Treatment/control method	Cost of treatment
01/8/2023	Mastitis	Goats No. 4 and No. 8	Antibiotics	17,000/=
12/10/2023	Worm infestation	Kids (06)	Dewormers	25,000/=
03/11/2023	Anthrax	All goats	Vaccination	50,000/=

- (a) Name the farm record above.

.....

- (b) Apart from Anthrax, mention any **one** other disease which is controlled by the method used on 03/11/2023.

.....

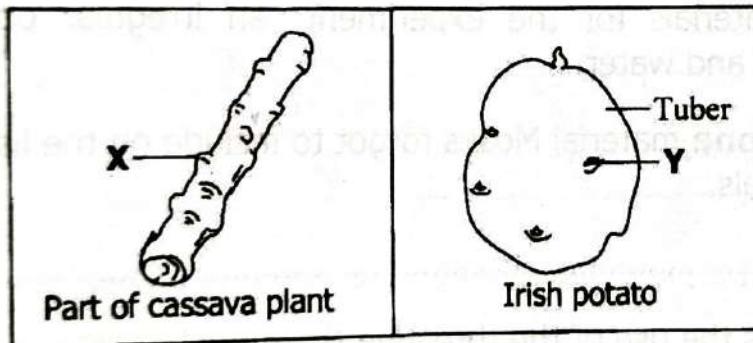
- (c) Give any **two** reasons why keeping of such a record is important to farmers.

(i) .....

(ii) .....

43. (a) Identify the type of soil erosion common in hilly areas.
- .....
- (b) State any **one** danger of soil erosion to the environment.
- .....
- (c) Explain how deforestation causes soil erosion. (02 marks)
- .....

44. The diagrams below show part of a cassava plant and an Irish potato that are used in propagation. Study and use them to answer the questions that follow.



- (a) Name the part of the cassava plant marked X.
- .....
- (b) State the method of vegetative propagation where the part of a cassava plant shown above is used.
- .....
- (c) In which **one** way is the function of part X of the cassava plant similar to that of part Y of the Irish potato?
- .....

- (d) Give the importance of the tuber in the propagation of the Irish potato.

.....

45 (a) What is meant by the term vulnerable group of people?

.....  
.....  
(b) Apart from the sick, name **one** other group of vulnerable people in a community.

.....  
  
(c) State any **two** ways in which you can care for the sick in your community.  
  
(i) .....  
  
(ii) .....

46. Moses wanted to find the volume of an irregular object. He had the following materials for the experiment; an irregular object, thread, overflow can and water.

(a) Name **one** material Moses forgot to include on the list of his materials.

.....  
(b) What is the use of the thread in the experiment?

.....  
(c) Describe how Moses will get the volume of the irregular object in this experiment.

(02 marks)

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

47. (a) Identify any **one** body change in girls during adolescence.

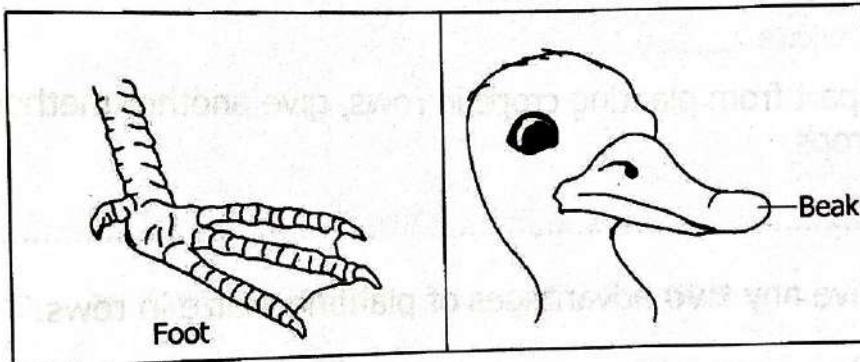
(b) State any **two** ways in which school boys can help to prevent teenage pregnancies.

(i) .....

(ii) .....

(c) State any **one** way of caring for the reproductive system in humans.

48. The diagrams below are of a foot and a beak of a bird. Study and use them to answer the questions that follow.



(a) Identify the group of birds with the type of foot and beak shown.

(b) How do the parts of the bird shown above help it live well in its environment?

(i) Foot: .....

.....

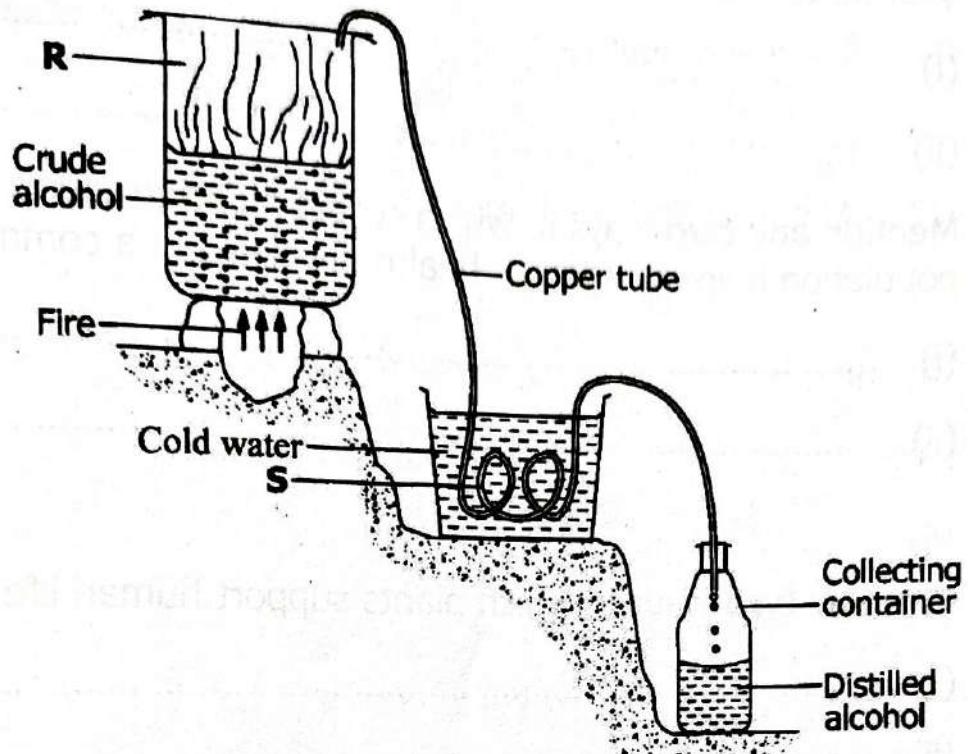
(ii) Beak: .....

.....

(c) Give any **one** example of a domestic bird with such type of beak and foot.

49. (a) Give any **one** way in which each of the following elements of Primary Health Care (PHC) is important in a community.
- (i) Food and nutrition: .....
- (ii) Maternal and child health: .....
- (b) Identify any **two** ways of giving health education to a community.
- (i) .....
- (ii) .....
50. (a) Apart from planting crops in rows, give another method of planting crops.
- .....
- (b) Give any **two** advantages of planting maize in rows.
- (i) .....
- (ii) .....
- (c) State any **one** way in which the use of chemicals on a farm can be dangerous to a crop farmer.
- .....

51. The diagram below shows the distillation method of making alcohol. Study and use it to answer the questions that follow.



(a) Identify the physical changes taking place;

(i) at part marked R.....

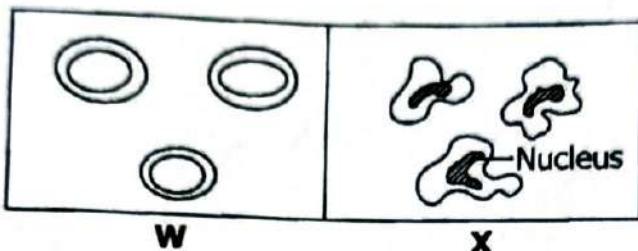
(ii) in part S. ....

(b) Give one reason why the container with crude alcohol should be properly sealed.

(c) Give the function of the copper tube in the method shown above.

52. (a) State any **two** health problems that are common in overpopulated areas.
- (i) .....
- (ii) .....
- (b) Mention any **two** ways in which collecting information on human population helps to address health problems in a community.
- (i) .....
- (ii) .....
53. (a) Give any **two** ways in which plants support human life.
- (i) .....
- (ii) .....
- (b) Mention any **two** ways in which humans can conserve plant life.
- (i) .....
- (ii) .....
54. (a) Identify any **two** characteristics of the female anopheles mosquito that makes it a good vector for malaria.
- (i) .....
- (ii) .....
- (b) How do the following methods help in controlling the spread of malaria?
- (i) Pouring oil on stagnant water.  
.....  
.....
- (ii) Sleeping under a mosquito net.  
.....  
.....

55. The diagrams below show the structure of different blood cells in the human body. Study and use them to answer the questions that follow.



- (a) Name the blood cell marked **X**.

.....

- (b) Give the function of the blood cells marked:

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

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

- (c) Identify any **one** disease which destroys blood cells **W**.

.....

