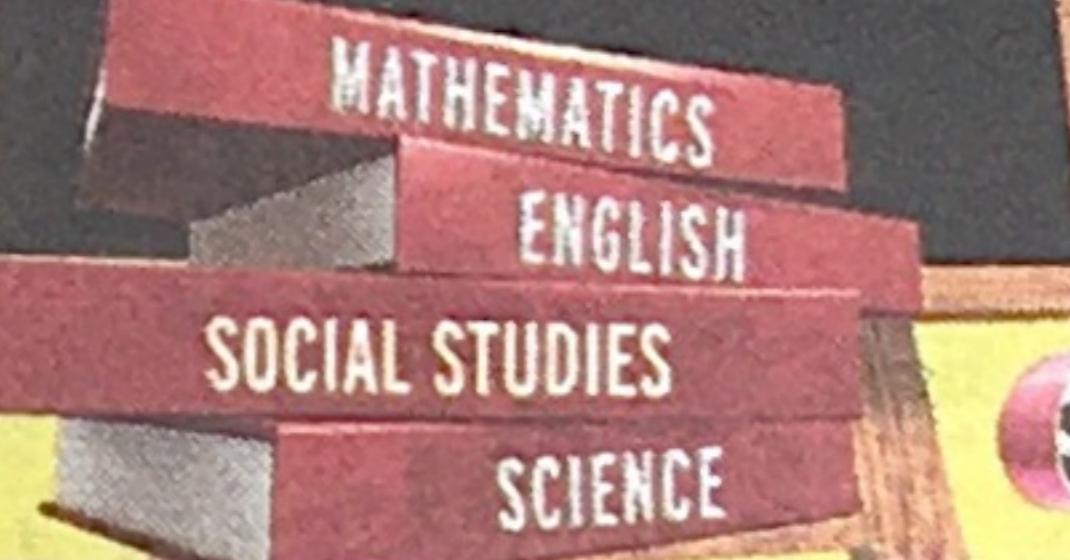


PASS PLE

**Bukedde**

YOUR GUIDE TO A BETTER LIFE THROUGH EDUCATION

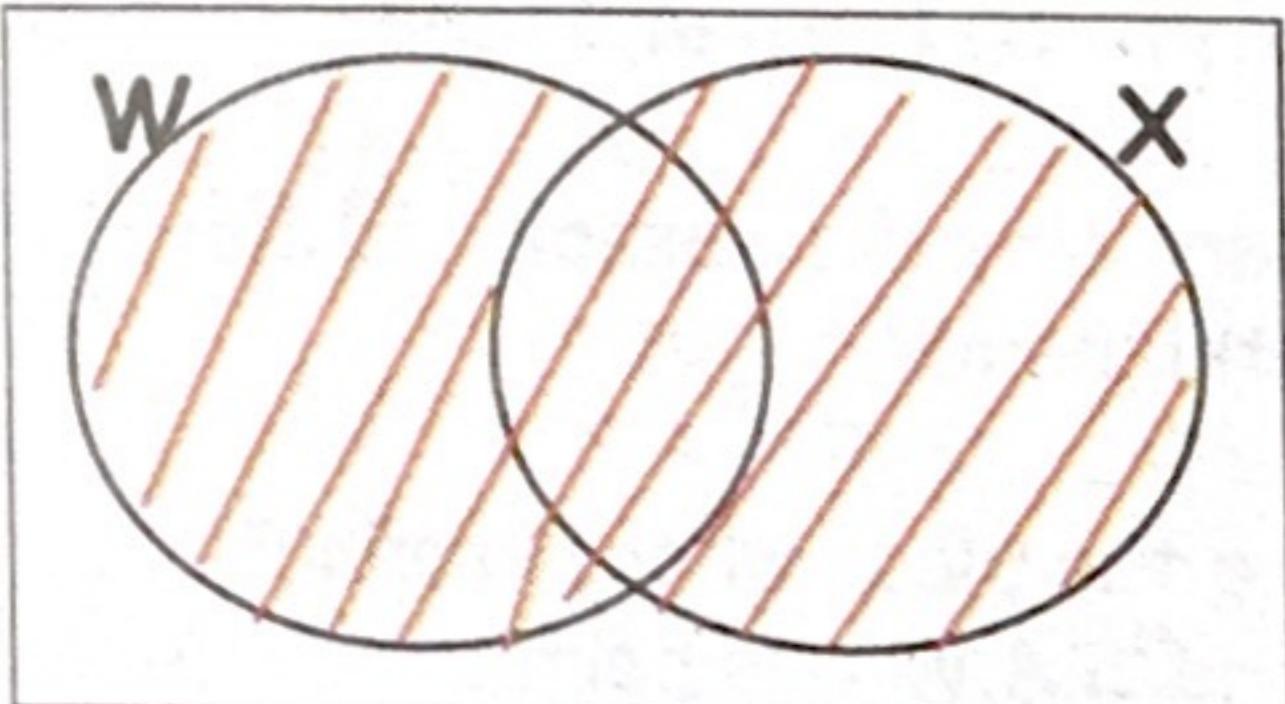


1. Work out:

$$6 \boxed{4} 8$$

2. Write 649 in Roman numerals.

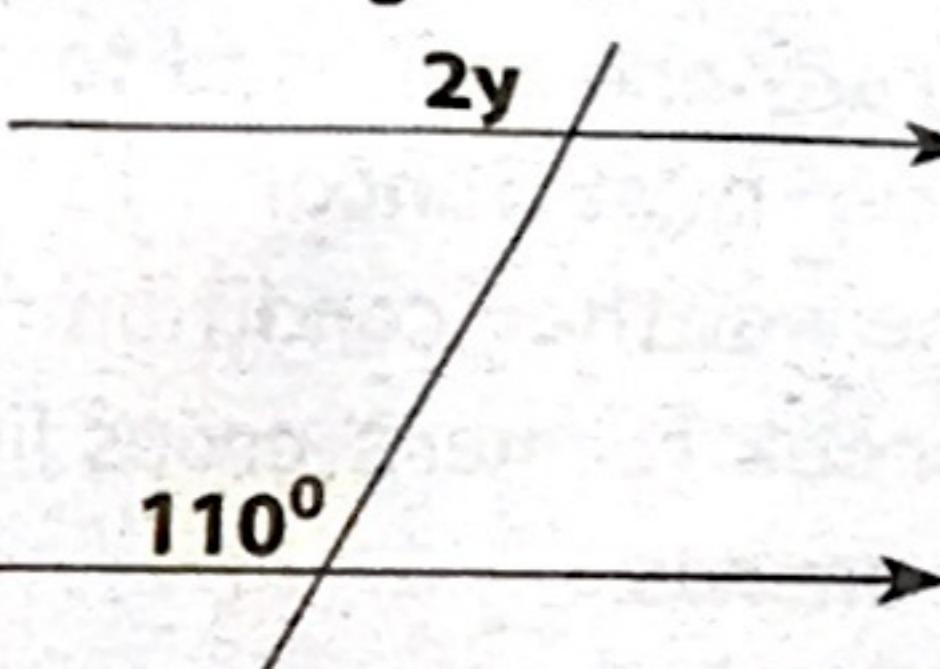
3. Describe the unshaded region.

4. Add: $-8 + -4$ 5. Construct an angle of 135° .6. Simplify: $1\frac{1}{2} \div 3\frac{1}{4}$

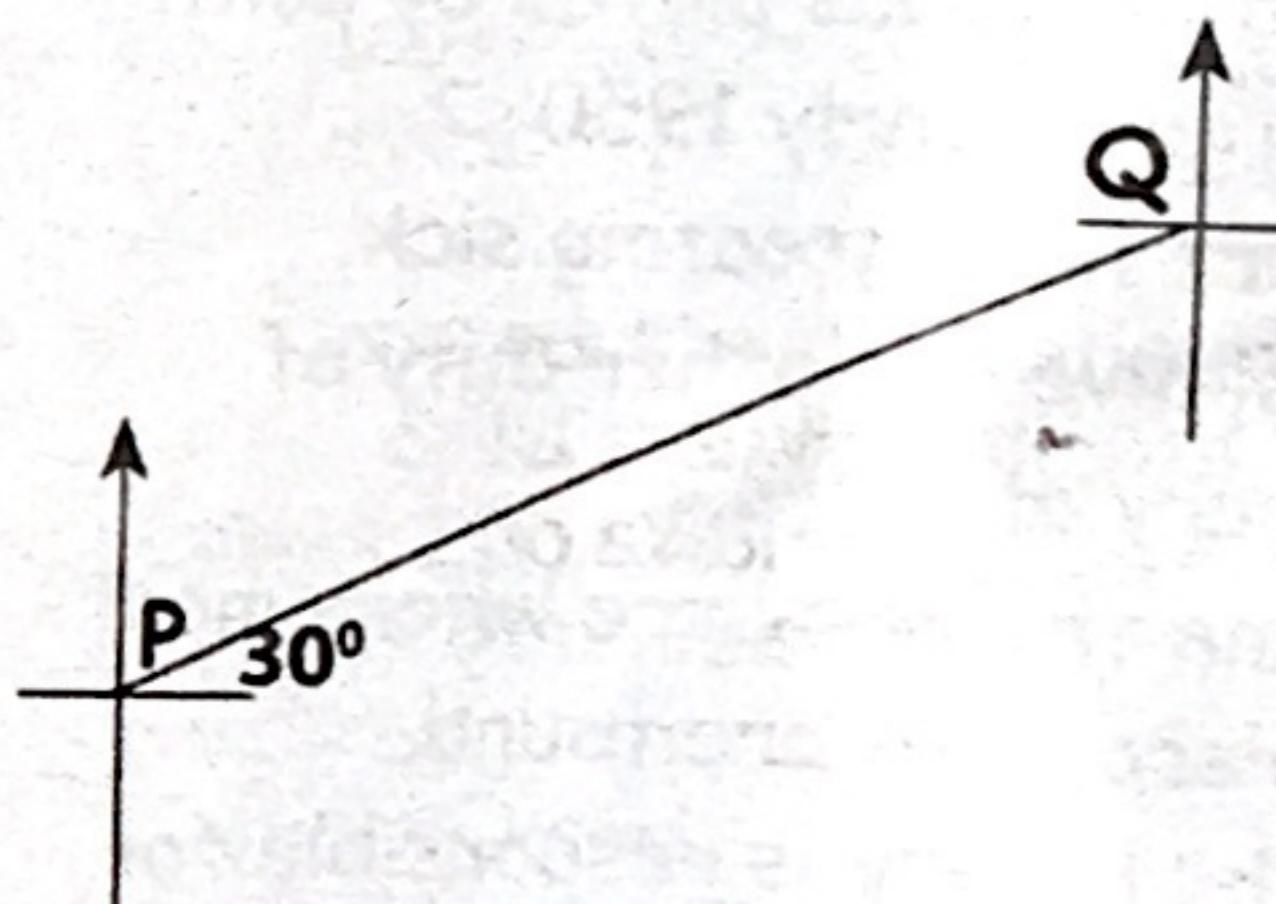
7. If represents 8 eggs and each egg costs sh. 500, how much did John pay for eggs ?



MATHEMATICS

15. Find the value of the angle marked y in degrees.16. Solve for x : $5^{2x} \times 5^2 = 625$

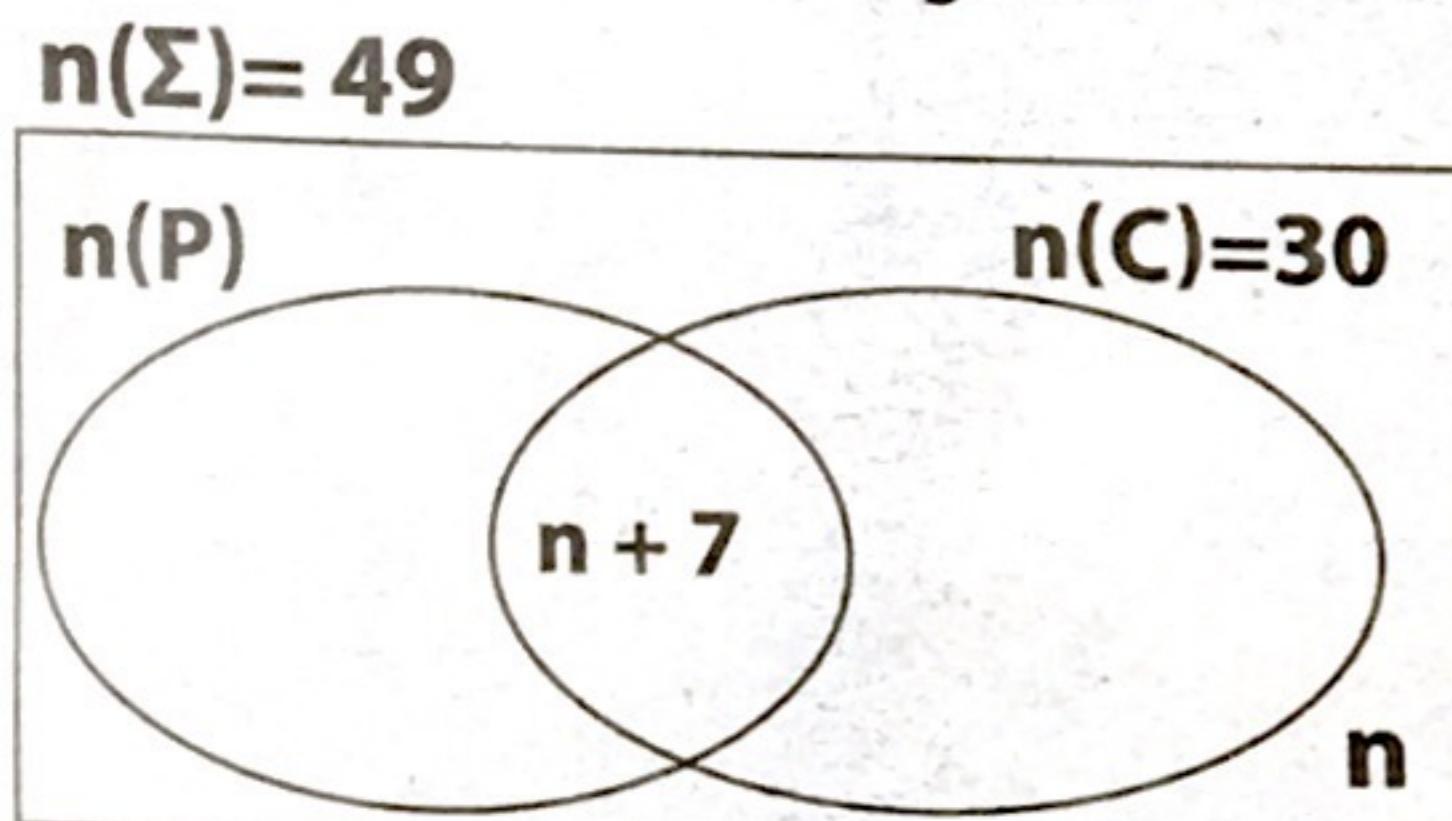
17. Use the figure below to determine the bearing of P from Q.



18. Express 1340kg as tonnes.

20. What angle is $\frac{1}{3}$ of its supplement?21. At a party of 49 guests, 12 took Pepsi only, $n+7$ took Coca-Cola (C) and Pepsi (P), 30 took Coca-Cola while 'n' took neither of the drinks.

a) Complete the Venn diagram.



b) How many guests took both Pepsi and Coca-Cola?

22. a) The mean of 5, 9, 8, 7, $x+1$ and $x+4$ is 15. Find the value of x .

b) The average mass of two boys is 40kg. If the third boy joins them, their average mass becomes 42kg. Find the mass of the third boy.

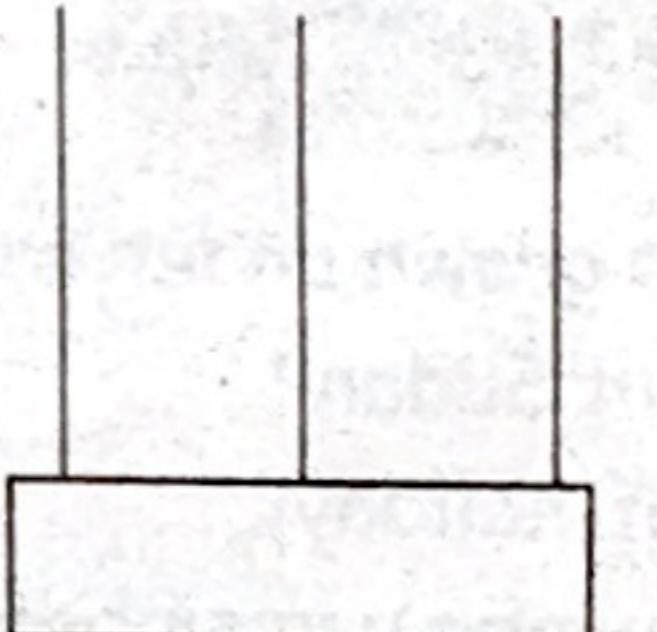
23. a) Simplify: $\frac{2}{3} \times \frac{4}{5} \div \frac{3}{4}$ b) Simplify: $\frac{0.24 \times 0.36}{0.48 \times 0.72}$ 9. Subtract: $(2m - 4)$ from $4m - 1$ 8. What number has been expanded to give $(9 \times 10^2) + (3 \times 10^{-1}) + (6 \times 10^0) + (8 \times 10^{-2})$

10. Given that the exchange rate of 1 US dollar = Ug.Sh. 3650, how much Uganda shillings can a trader get if he goes to the bank with 125 US dollars?

11. Find the product of the next two numbers in the sequence.

1, 4, 7, 10, 13, _____, _____

12. Show 206 on the abacus below.



13. If today is Thursday, what day of the week will it be after 33 days?

14. Solve for x : $\frac{3}{4}x + 1 = 10$

19. An athlete covered 80m in 4 seconds. Find his average speed in km/h.

SECTION B

24. a) The scale on a map is $1 : 480000$. Find the actual distance between two schools which are 2.5cm apart.

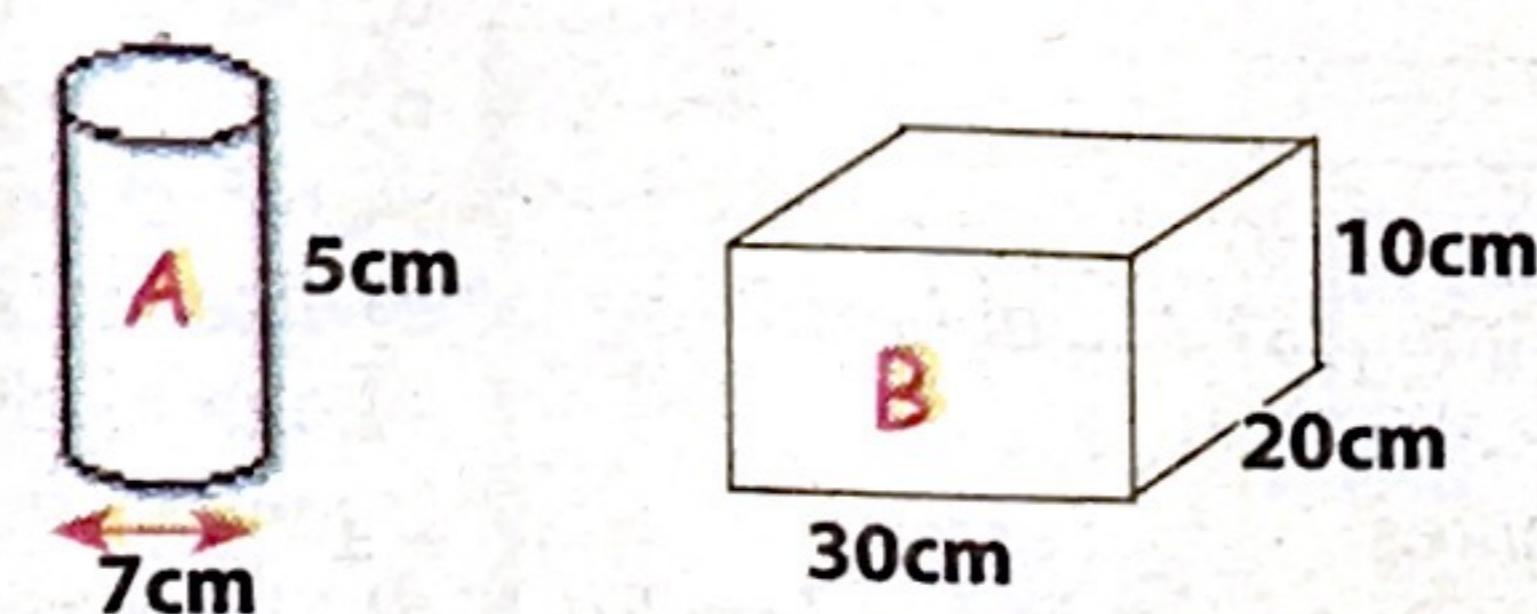
b) Kenny drove his car at a constant speed of 60km/h. what distance did he cover in 90 minutes?

25. A man spent $\frac{1}{4}$ of his salary on food, $\frac{1}{3}$ on clothing, $\frac{1}{6}$ on fees and the rest on savings. If he saves sh. 48,000,

a) Draw a pie chart to show the above information. (Use radius of 3.3cm)

b) What is his total salary?

26. Small tins of size A are to be packed in Box B as shown below.

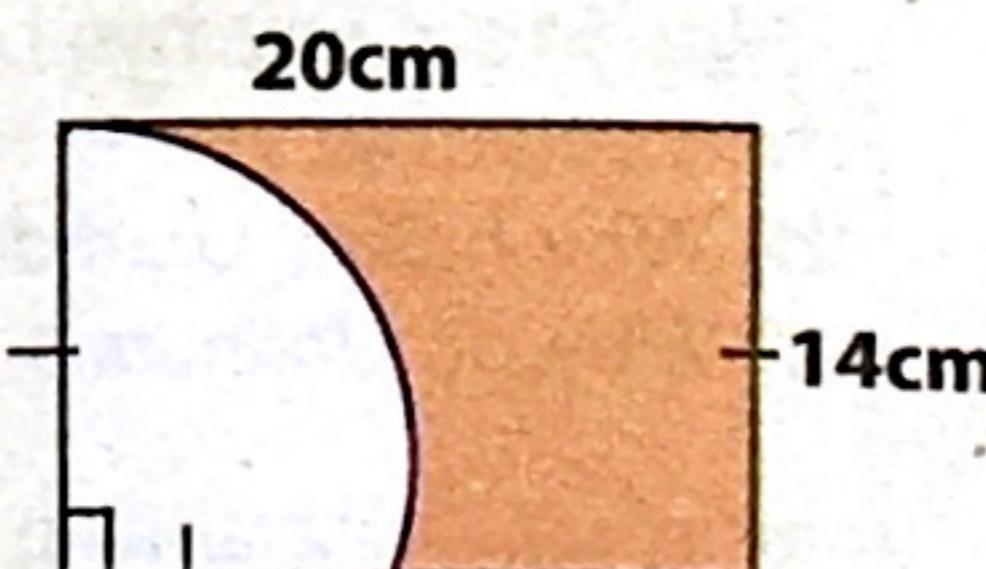


a) How many small tins of size A will be packed in the first layer of Box B?

b) Find the number of layers that will be formed in Box B.

c) Calculate the volume of the space left unoccupied.

27. a) Find the area of the shaded part in the figure below.



b) Find the total distance around the shaded part.

28. a) Solve for x . $2x^2 + 1 = 51$

b) Allen is 15 years old now and her mother is 35 years old now. After how many years will the mother be twice as old as Allen?

29. Given that $y = \frac{1}{2}x + 3$, copy and complete the table below.

X	0	1	6	10
Y		5		7

30. Using a pair of compasses, ruler and a well sharpened pencil only, construct triangle PQR where $PQ=8\text{cm}$, angle $PQR=45^\circ$, angle $QRP=70^\circ$. Drop a perpendicular line from R to meet PQ at X.

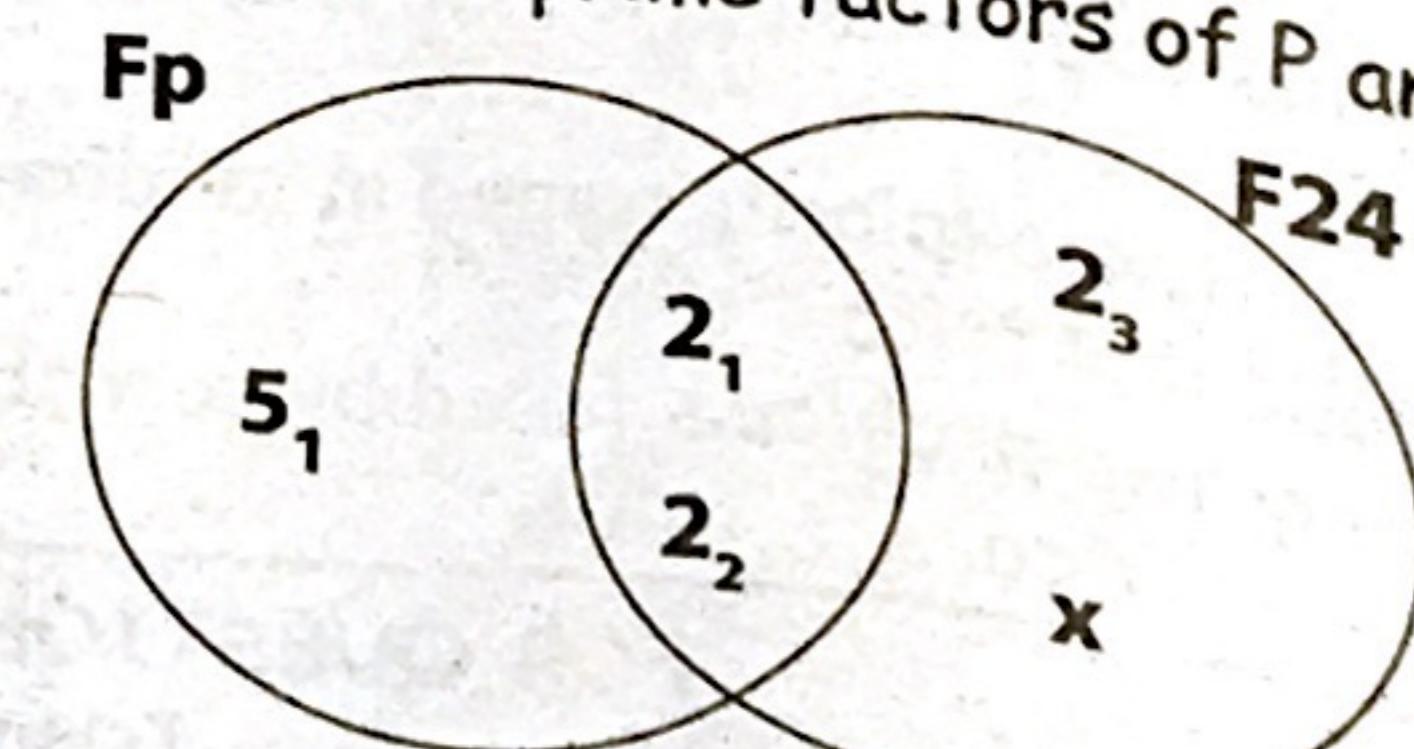
31. The rates at which a bank buys and sells United States dollars and Kenya shillings are given below;

Currency	Rate at which a bank buys	Rate at which a bank sells
One U.S Dollar	Ug.sh. 3,200	Ug.sh. 3,350
One Kenya shilling	Ug.sh. 31	Ug.sh. 34

a) If a tourist has 800 US dollars and 2,590 Kenya shillings, how much money in Uganda shillings can be got from the bank?

b) How many 1,000 shilling coins are equivalent to one fifty thousand shilling note?

32. Below are prime factors of P and 24.



a) Find the value of

i) P ii) x

b) Find the GCF of P and 24.

c) Find the LCM of P and 24.

SOCIAL STUDIES

1. Name the local material used to make the craft below.



- 2) Give any one basic need provided to children at home.
 3) State any one method Pan-Africanists used to spread Pan-Africanism in Africa.
 4) Mention any one tool used to promote security at School.
 5) Name the weather condition which can break farmers' crops like maize and bananas.
 6) What title is given to the civic leader who is in charge of all hospitals and health centers in a district?
 7) What role was played by political parties in early 1950's?
 8) Apart from treating sick animals, give one other duty of veterinary officers.
 9) Name the resource where most other resources are found.
 10) Which body is responsible for collecting taxes in Uganda?
 11) Why is road transport com-

Mr. Willy Kataswa
Greenhill academy
Kibuli Campus

Mr. Patrick Bugembe
Mbarara Municipal
School

Mrs Sarah Matovu
St Peters Nsambya
Primary School

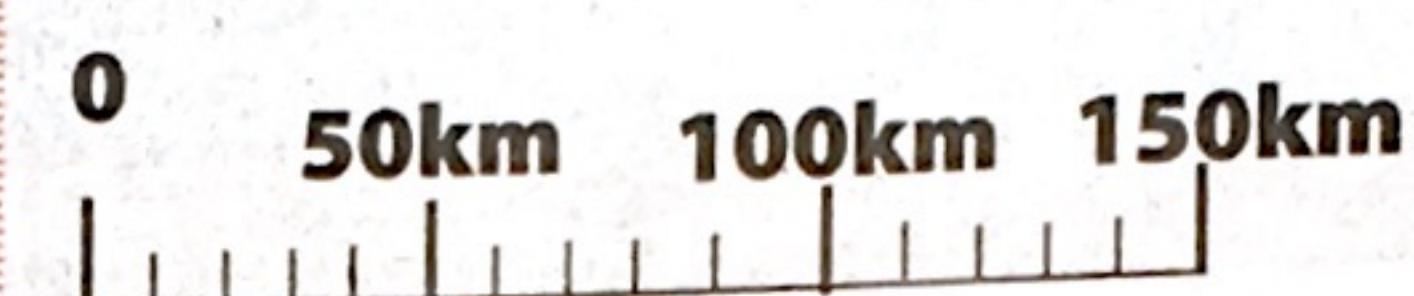
SECTION A

- monly used by travellers in Uganda?
 12) Why is the structure below called a temporary house?



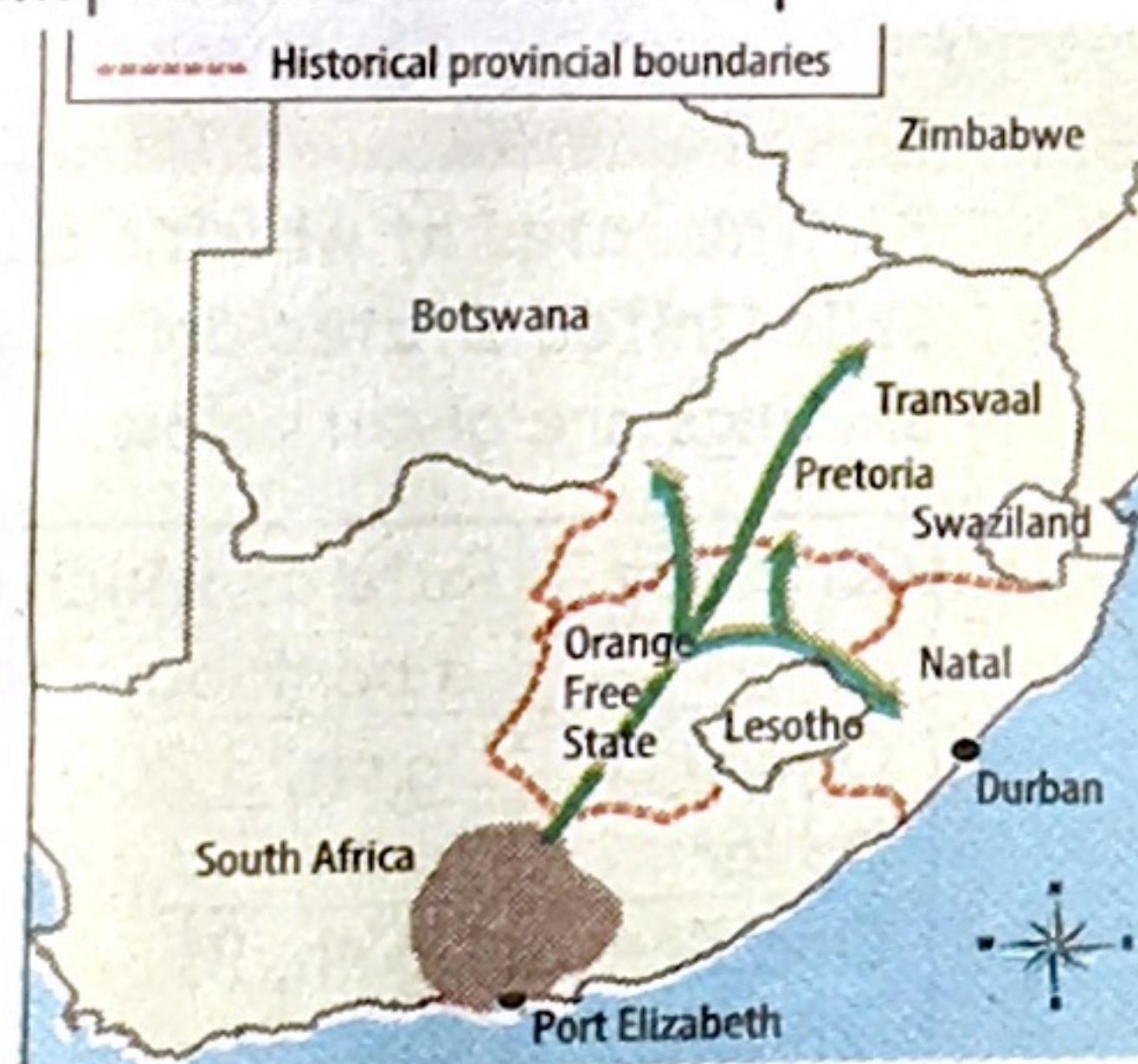
- 13) Which cash crop is grown under irrigation method at Gezira in Sudan?
 14) Give any one type of holiday.
 15) Why is Patrice Lumumba remembered in the political development of DRC?
 16) Write GEACo in full
 17) How does insecurity in a country affect economic developments?

- 18) How has UNICEF improved the welfare of children in the world?
 19) Which animal was the most endangered species during Long Distance Trade?
 20) What type of scale is drawn below?



- 21) Why is every child given a name after birth?
 22) Which mineral resource is mined from Mwadui in Tanzania?
 23) Why do trees in natural forests provide hard wood?
 24) State any one duty of the district Inspectors of Schools.
 25) Name the continent which neighbours Africa in the North East direction.

- 31) Study the map below and answer questions about it.



- a) Which colony was formed at the shaded area on the map?
 b) Which group of foreigners formed the above colony?
 c) What name was given to the journey made by the Boers on the map above?
 d) Give any one effect of the journey the Boers made above.

- 32a) Mention the European explorer who died in Africa and his body was buried at Westminster Abbey in England?
 b) How did the explorer named in "a" above help to stop slave trade in Africa?
 c) Give any two problems faced by early European explorers to Africa.

- 33a) What was Assimilation policy?
 b) Which group of colonialists used Assimilation policy?
 c) Give two reasons why Assimilation policy was practised by the Colonialists.

- 34a) State any two benefits of having a national language to a country.
 b) Why hasn't Uganda developed a national language yet?
 c) Why do Ugandans use English as the official language?

- 35a) Match A with B correctly

A	B
Weather instrument	use
i) barometer	direction of wind
ii) hygrometer	speed of wind
iii) windvane	air pressure
iv) anemometer	humidity
A	_____
i) barometer	_____
ii) hygrometer	_____
iii) windvane	_____
iv) anemometer	_____

- 36a) What name is given to the smallest social unit in a community?
 b) Mention the two types of families
 c) Give any one advantage of living in an extended family.

- 37) Use the map below and answer questions about it.



- a) Name the river marked with letter Q
 b) State the common tourist attraction found at the water channel marked R
 c) Use letter XX and mark the area where the River - Lake Nilotes first settled when they entered into Uganda.
 d) Name the Bantu tribe who settled at the shaded area on the map above.

FOR QUESTIONS 38 TO 40 ANSWER EITHER CHRISTIANITY OR ISLAM ONLY BUT NOT BOTH

- 38) Either: a) Name the first sacrament in Christianity.
 b) Write any two symbols used during baptism.
 c) Why was Jesus Christ baptised yet he had no sin?
 OR. a) Name the first pillar in

- Islam
 b) Write down any two symbols of Islam
 c) Why do Moslems stand in rows during prayers
 39) Either: a) State two reasons why Jesus used parables in his

- teachings.
 b) What lesson do Christians learn from the parables below:
 i) parable of the ten virgins?
 ii) parable of the prodigal son?
 OR. a) Give two reasons why Moslems make pilgrimages to

- holy places.
 b) What name is given to the journeys made by prophet Mohammed below?
 i) from Mecca to Medina _____
 ii) from Jerusalem to heaven _____
 40) Either: a) What is a creed?

- b) Mention one example of a creed in Christianity.
 c) State any two beliefs in Christianity
 OR. a) What is meant by the word 'hadith'?
 b) State any three common beliefs in Islam.

For questions 26 - 30, answer either Christianity or Islamic but not both.

- 26) Either: Write the fifth commandment of God.

OR: Write the fifth pillar of Islam.

- 27) Either: What term is used to mean people who died for their strong faith in God.

OR: Which term is used to mean people who died and are remembered for their strong faith in Allah?

- 28) Either: Why did Joseph and Mary go to Bethlehem?

OR. Name the place where Prophet Mohammad S.A.W was born.

- 29) Either: What name is given to the followers of Jesus Christ?

OR. What name is given to the followers of prophet Mohammad?

- 30) Either: Name the firstborn son of Abraham.

OR. Name the firstborn son of prophet Ibrahim.

In each of the questions 1 - 5, complete the sentences with the most suitable word.

1. UNEB must have stopped the _____ of candidates this year.

2. The carpenter _____ have closed his workshop at midday.

3. Hardly _____ we left the classroom when Mpata arrived.

4. One of my pairs of trousers _____ been mended by the seamstress.

5. She did not greet the teacher and _____ did she greet the class monitor.

In questions 6 - 15, complete the sentences with the correct form of the word given in brackets.

6. We shall _____ ask civil societies to fight for the rights of children. (continue)

7. It was not right to leave school without _____. (permit)

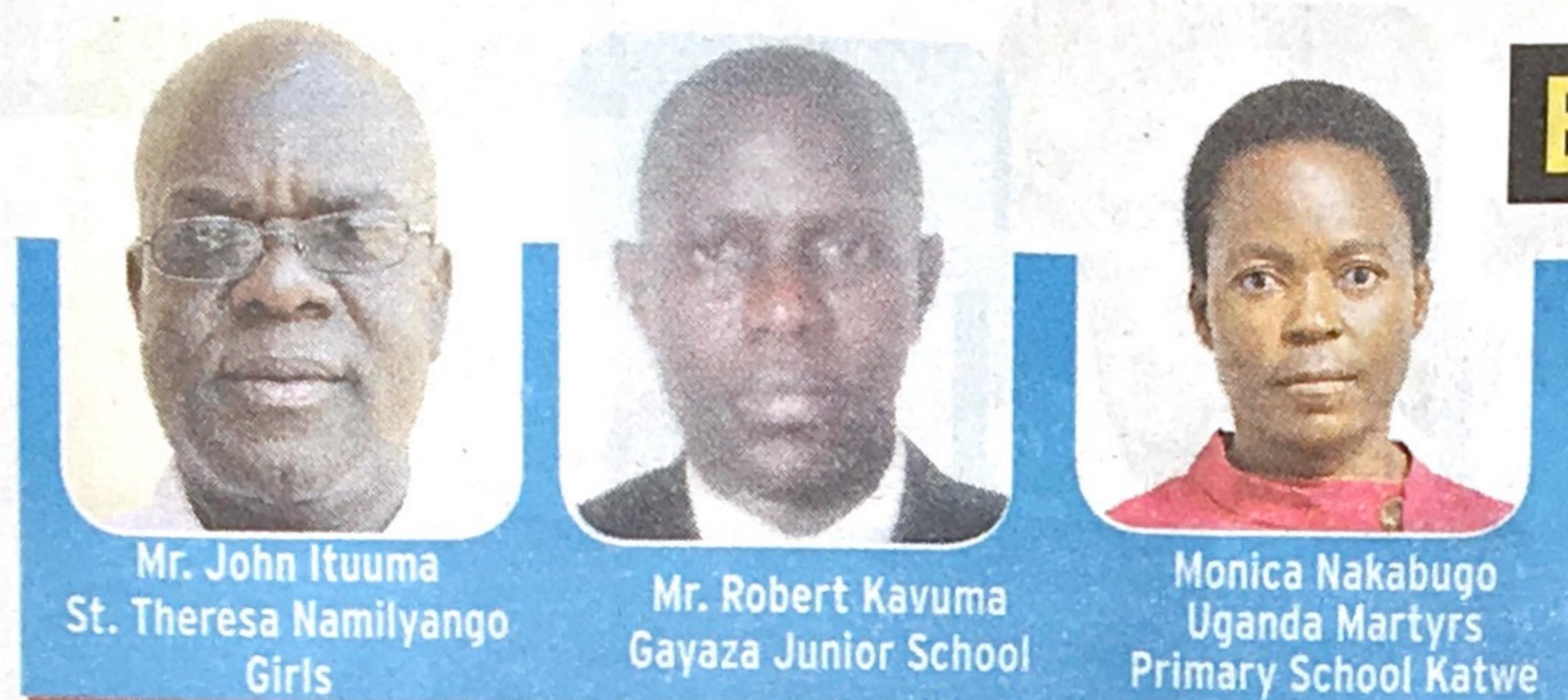
8. She was quite _____ and the teacher forgave her. (apology)

9. His mum's _____ worsened the situation. (absent)

10. He was _____ innocent and the judge acquitted him. (true)

11. She has _____ teaching into the school for several years. (to be)

12. This is the author's second



ENGLISH

- _____ of this novel. (edit)
13. We are not supposed to make _____ accusations against our friends. (malice)
14. I found the baby _____ seated in the chief guest's chair. (comfort)
15. Most of the _____ at the kitchen are blunt. (knife)
In questions 16 and 17, re-arrange the given words in alphabetical order.
16. affection, afraid, affectionate, after
17. register, registration, subordinate, insomnia
For questions 18 to 20, re-write the sentences giving the plurals of the underlined words.
18. The lady's bag has been

SECTION A

- cleaned by the cobbler.
19. The head of state arrived safely in Johannesburg.
20. Our book shelf contains a number of readers.
In questions 21 to 23, write the given abbreviations in full.
21. He'd _____
22. RSVP _____
23. pp _____
In questions 24 to 26, re-write the sentences giving a single word for the underlined group of words.
24. The criminal was beaten without mercy by the mob.
25. All the people that applied for the post of the sales manager have been disqualified.
26. Ichuli was laid to rest six

- months ago.
In questions 27 and 28, re-arrange the jumbled words correctly to make correct sentences.
27. player was he the year of best this
28. project rabbit from earn how does farmer a his much?
For questions 29 and 30, re-write the sentences giving the opposites of the underlined words.
29. May I know the depth of your pit latrine, please?
30. She ran faster than her half-brother.
In questions 31 - 40, write as instructed in brackets.
31. "She was writing a letter

that morning," said Joan's sister. (Begin Joan's sister said that?)

32. I am a primary seven candidate,? (Complete correctly)

33. When the sun rose, the little girl woke up. (Re-write and begin: No sooner.....)

34. If I were the police officer, I would forgive the taxi driver. (re-write and usewould have.....)

35. The tea was too hot for us to take. (Re-write and usesuch.....that.....)

36. When I saw him, I was filled with joy. (Re-write the sentence usinghaving.....)

37. Sara doesn't eat chips. She doesn't eat sausages either. (Re-write as one sentence and useneither.....nor.....)

38. Kato managed to arrange the given words in alphabetical order. (Re-write the sentence and usesuccessful.....)

39. Layla is an honest girl. Lihana is also an honest girl. (Join usingas well as.....)

40. She is a teacher. She is also a lawyer. (Re-write and usenot only.....)

SECTION B

41. Read the passage and in full sentences and answer the questions that follow.

My dear candidates, the long awaited time has come. We have been preparing for this time for six years and some months. There is no more time left for us to reap what we have been sowing for all the years. This term we need to be more particular especially in the time to consult our teachers much more. We also need to work together in our discussion groups. The group leaders have to help all the group members to understand the concepts better. You should be very patient with your friends who are struggling so that you can all achieve the best results. Don't forget to pray to the Almighty, day in and day out for He is the source of wisdom. However, we shall get wisdom from Him if we give Him the first place in our hearts. The Lord works with those that honour and respect him in faith and sincerity.

As candidates, we need to thank our dear parents for all the provisions we have had from them. We need to thank the teachers, too. For they have not spared anything when teaching us. Our dear parents have faithfully done their role. They put aside all that they would do for themselves to have us get the best at school. This, they have done by paying the school dues in time and also provided us with various scholastic materials.

QUESTIONS.

- a) To whom is the writer talking?
b) What do you think they have been preparing for?
c) What do they need to do as they wait to reap what they sowed?
d) How can the group leaders help the other group members?
e) What do they have to do to get wisdom from God?
f) Why should they thank their parents?
g) Besides parents, who else do they have to appreciate?
h) In which way have their teachers helped them?
i) Suggest a suitable title to this passage.

42. Study the information below and in full sentences answer the questions that follow.

RISE UP VOCATIONAL INSTITUTE
Located in Bulisa, Kitwe Rd.
Contact 0778900441 - Director Administration.

Courses	Duration	Fees
Tailoring	3 months	150,000
Baking	1 month	200,000
Hair dressing	4 months	310,000
Motor vehicle repair	1 year	510,000
Cosmetology	2 $\frac{1}{2}$ months	800,000
Fashion and design	4 weeks	450,000
Computer studies	2 years	1,000,000

QUESTIONS.

- a) What is the information about?
b) Where is the above mentioned institute found?
c) How many courses are shown on the table?
d) Which is the shortest course shown on the table?
e) How much can two students taking hair dressing pay?
f) Which course was done by Kanso the school secretary?
g) Which course requires a student to pay five hundred ten thousand shillings?
h) If I want to learn how to make cakes, which course can I offer?
i) Which course takes much more time than others?

43. Below is a conversation between John and Mary. What John said is given. Complete the conversation by writing Mary's responses.

John: Good afternoon Mary.

Mary: _____

John: Why haven't you been attending school for two weeks?

Mary: _____

John: You have been sick? What have you been suffering from?
Mary: _____

John: Your compound is very bushy you can't escape Malaria. Where were you treated from?
Mary: _____

John: Mild Care International is a good medical facility. How many injections were you given?
Mary: _____

John: Will you come to school tomorrow?
Mary: _____

John: You don't think you will come? What will you be doing then?
Mary: _____

John: You are right. It is very important to go back to the hospital for review.
Mary: _____

John: I too will not attend school tomorrow for some reason.
Mary: _____

John: I will have to escort my little sister to her new school.
Mary: _____

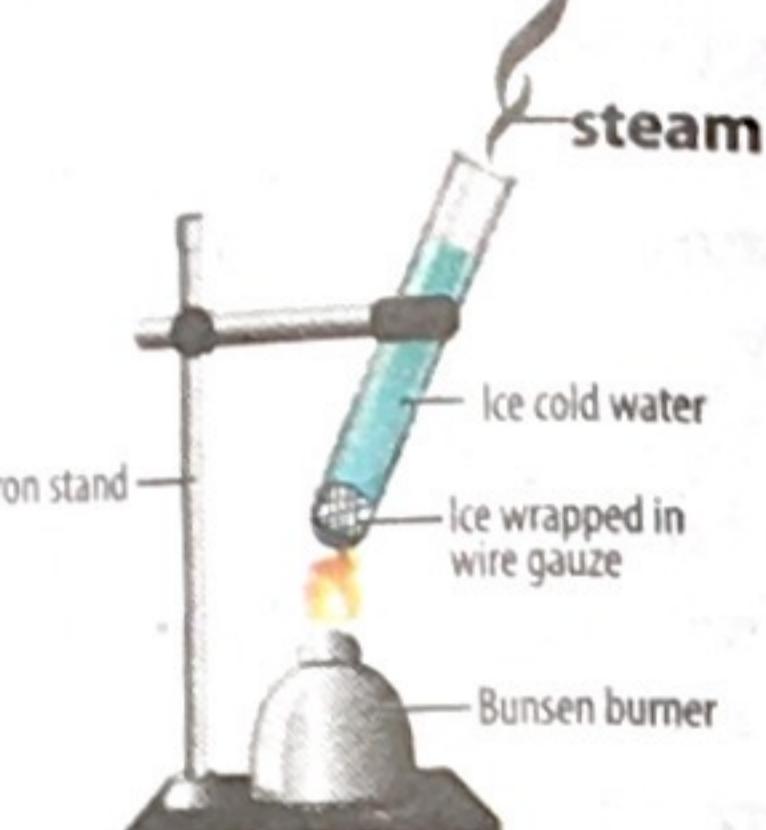
John: Her new school is in Mbarara.
Mary: _____

John: It is one hundred kilometres from here to her school.
Mary: _____

John: Yes of course we shall travel there by bus.
Mary: _____

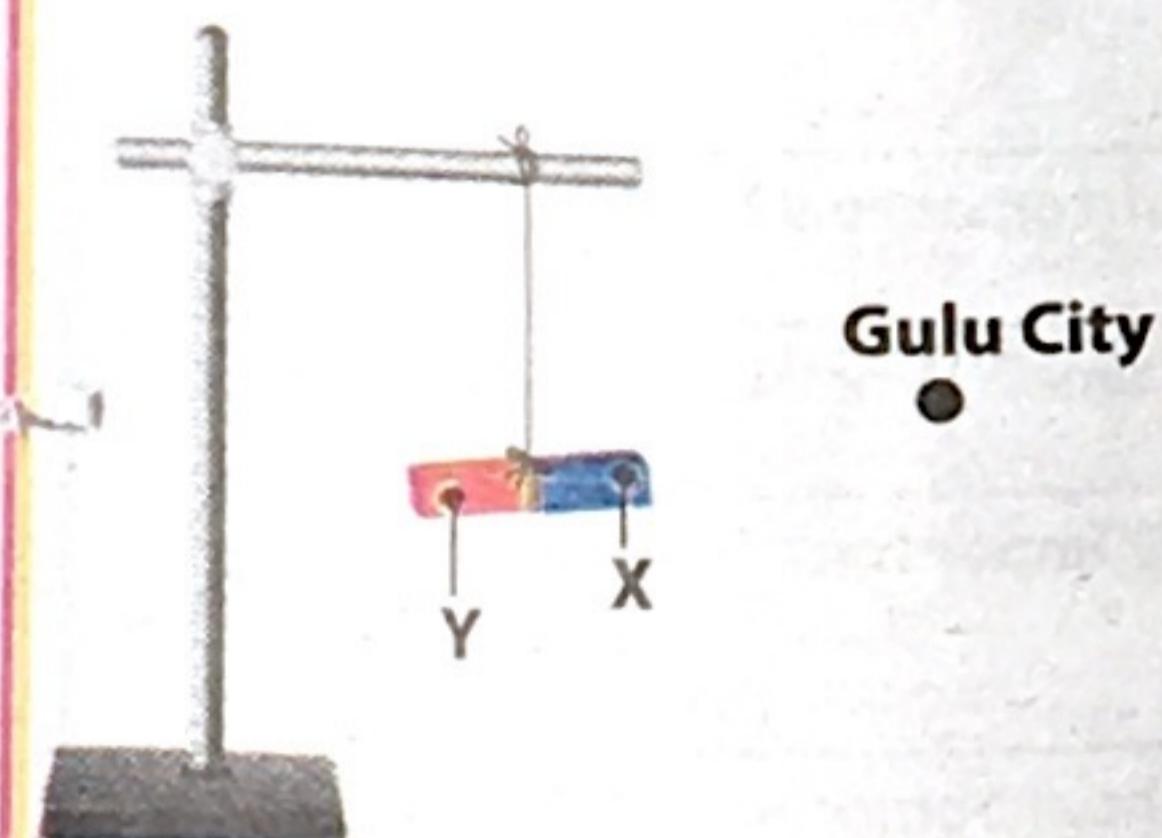
John: We are likely to go there at Midday.

- Give one danger of wearing wet stockings in shoes.
 - Name the structure used to take in food in a paramecium.
 - Why is it important to preserve wild animals in the environment?
 - How are lateral buds useful on a plant?
 - Mention any one way of controlling intestinal diseases in a home.
- The diagram below shows an experiment performed by Primary five pupils about water. Use it to answer questions 6 and 7.



- What does the experiment show about water?
- How is the wire gauze useful as used in the experiment above?
- Why is shearing of wool done during a dry season?
- How is evaporation useful in our daily life?
- Which condition of the body makes the fontanelle depressed in a baby?
- How does filtration make water clean?
- Mention any one family planning which is important in the family.
- Give one way a farmer can make sand soil suitable for crop growing.

- Why is cholera regarded as an infectious disease?
- State any two common signs of cholera in patients.
- Give one reason why a victim of cholera is treated in isolation.
- The diagram below shows a property of magnets. Use it to answer questions that follow.



- Which direction is Gulu city according to the diagram above?
- Give a reason for the answer in a) above.
- State the property that enables a person to identify the direction as shown in the diagram above.
- Why does a magnet become destroyed when strongly heated in fire?
- Apart from easy management, state one other reason why farmers prefer rearing goats to cattle.
- State any two products from goats.
- Mention any one effect of ecto parasites on goats.



Mr. Peter Ssemanda
Mugwanya Prep Sch.
Kabojja

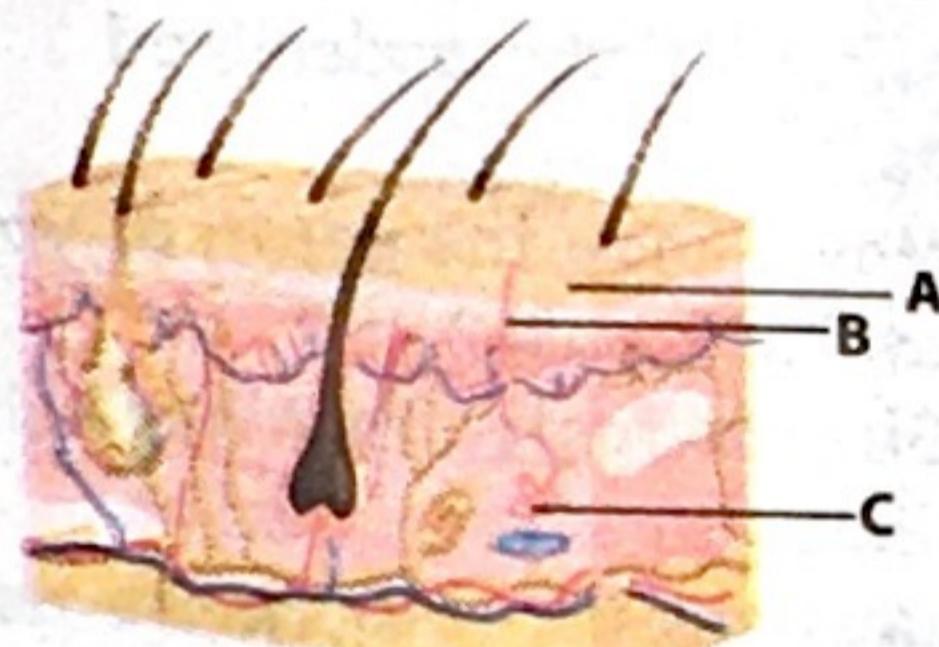
Mr. Stephen Efumbi
St Savio Junior School
Kisubi

Mr. Francis Esou
Joykim Primary School
Kumi

SECTION A

- Mention one cause of taking overdose of drugs at home.
- How do first class levers simplify work?

- Why do birds move from one place to another?
 - State any one condition favourable for bacteria to grow.
- The diagram below shows a human skin. Use it to answer questions 18 and 19.



- Name the outermost layer of the skin labelled with letter A
- How is part labelled B useful in the body?
- Mention any one way people can prevent spread of malaria in an overnight service in church.

- Give the importance of litter put in a house of layers in poultry management.

- How is contraction dangerous in electricity management?
- State one advantage of wearing face masks in crowded places.
- Why is it dangerous to constantly use charcoal or firewood for cooking at home?

- State the force used in brake pads to reduce or stop a speeding vehicle.
- Why are sexual partners supposed to be treated together for syphilis?
- Mention any one sign of disease in cattle.
- Why is it important to mulch the garden during a dry season?
- What term defines the process by which hydrogen molecules accumulate at the electrodes of a cell when it is working?

INTEGRATED SCIENCE

ANSWERS TO ISSUE 40

- Mastitis.
- Lice, fleas
- Epigeal germination.
- To provide shade, control soil erosion, act as windbreaks.
- 1.

- Fir, cypress, podo, pine.
- Enable the duck to push its body while on water.

- Solution.
- The liver
- Lack of blood in the body.

- It is deoxygenated.
- By animals
- Moss plant can make its own food while yeast absorbs food from decaying matter.

- Provides a suitable condition for the enzymes in the stomach to work, activates enzymes in the stomach.
- Break the circuit in case of a short circuit.

- Heat transfer by radiation does not need matter while heat transfer by conduction needs matter.

- Oviduct.
- Removes germs on fruits that may lead to diarrhoeal diseases.

- Lead to orphanage, lead to loss of important people in the community.
- Leaves the land bare exposing the soil to the agents of erosion.

- Leads to self-neglect, poverty, shame.
- Clean the environment by eating the carrion.

- The kidneys, the skin.
- Presence of chlorophyll, presence of sunlight, presence of water.

- Lead to stunted growth, lead to low production.
- To protect themselves against HIV/AIDS.

- Remove germs that cause faecal diseases?

- Standing for a long, too much pain, hunger.

- To restore the lost energy.
- To enable all children to be immunized.

- Petrol floats on water and continues to burn, water spreads petrol to other areas.

- Wearing shoes/ sandals.

- The sun.
- Production of reproductive gametes.

- Induction method.
- North pole.

- Both breathe using spores
- Have a broad flat ridged surface for grinding food.

- When light is blocked by opaque objects.

- Rats.

SECTION B

- Give any two characteristics of pure water.

- State any one importance of water as a dietary element.

- How can water be made safe for drinking?

- The diagram below shows a common anti-social behaviour at school. Use it to answer questions that follow.



- Name the anti-social behaviour seen at school in the above diagram.
- State any two dangers of the anti-social behaviour shown in the diagram above.

- How can the above anti-social behaviour be prevented at school?

- State any two factors that can lead a person to alcoholism.

- Give any two life skills a person has to have in order to manage the habit of alcoholism.
- Give any one similarity between reptiles and birds besides their mode of reproduction.

- How do crocodiles benefit from soil found at the banks of a water-body?
- Mention any one way reptiles are

- State the property of sound that enables a bat to locate its food.

- Apart from a bat, name one other animal that uses echoes to locate its food.

- Mutungi shouted while facing a cliff and it took him 10 seconds to hear the echo of the sound he

- important to people in the environment.

- Match the following in list A with the items in list B correctly

A	B
Skull	- Irregular bone
Ligament	- Lubricant
Synovial fluid	- Fixed joint
Vertebrae	- Bone to bone connection

- In one sentence, give the meaning of the term weather.

- State any two aspects of weather that are studied in a weather station.

- Which aspect of weather requires use of thick woolen coats.

- Give any one way leaves are useful to people.

- How is a plant leaf adapted to the process of photosynthesis?

- In which part of the leaf does photosynthesis take place?

- Mention any one way photosynthesis is important to plants.

- State the property of sound that enables a bat to locate its food.

- Apart from a bat, name one other animal that uses echoes to locate its food.

- Mutungi shouted while facing a cliff and it took him 10 seconds to hear the echo of the sound he

- produced. How far was he from the cliff if the speed of sound in air is 330m/s?

- State any one importance of respiration in the human body.

- Mention the main body organ of the respiratory system in the human body.

- Name the disorder of the respiratory system caused when food enters into the trachea.

- State any one habit that damages the respiratory system in a human being.

- Fill the table below correctly

Vector	Germ	Disease(s)
Tsetsefly	Trypanosomiasis
.....	Schistosoma	Schistosomiasis
Housefly	Trachoma
Blackfly	Onchocerca volvulus

- Give the meaning of the term agroforestry.

- How does agroforestry help in maintaining soil fertility.

- Mention any two ways pests affect crop production

- State the meaning of the term 'transparent materials' as used in light energy.

- Name any two examples of transparent materials.

- Mention any one way people use opaque objects in their daily life

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- Fibrous root system.

- To receive pollen.

- Monocotyledonous plants/monocots.

- Give the plant extra support.

- (a) polio, Tuberculosis.

- To know whether the child was immunised.

- Pneumonia.

- (a) To relax, to feel mature, to socialise with others.

- Fermentation, distillation.

- The brain, the heart, kidneys.

- This is a condition when the body lacks food nutrients.

- Proteins.

- Stunted growth, loss of weight, general body weakness.