

PASS PLE

Bukedde

YOUR GUIDE TO A BETTER LIFE THROUGH EDUCATION

1. Work out: 27×12 .

2. Write DXX in Hindu-Arabic numbers

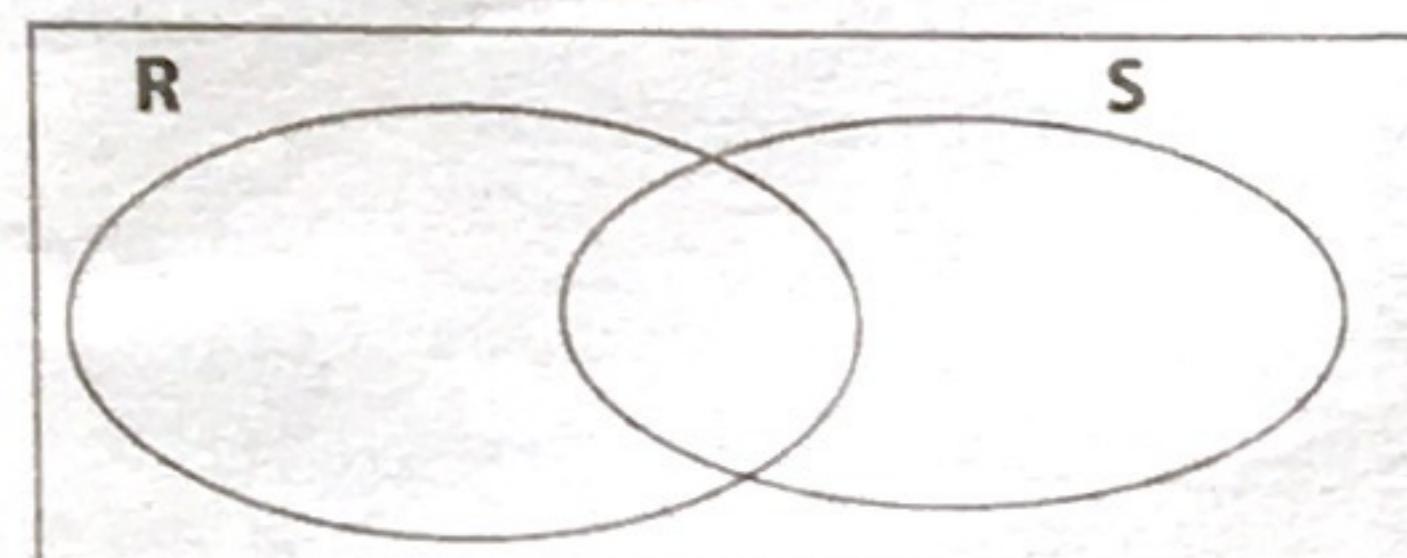
3. Find the number that was prime factorised to give $\{2_1, 2_2, 3_1\}$

4. Express 0.75 kg as grams.

5. Express 17 50 hours in the 12-hour clock system.

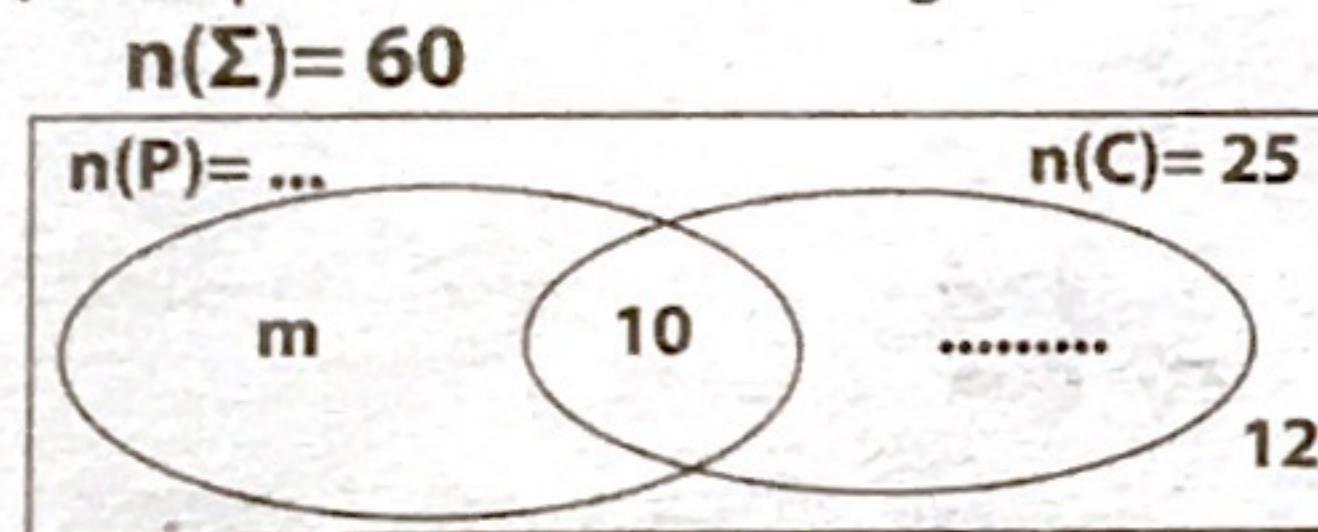
6. What is the modal score of 6, 10, 9, 4, 1 and 6.

7. Shade (RUS)' in the Venn diagram below



21. During a birthday party attended by 60 guests, some guests were served with pepsi (P) and others were served with Cocacola (C). If 25 guests took Cocacola, 10 guests took both pepsi and Cocacola while 12 took none of the drinks.

(a) Complete the Venn diagram below.



(b) How many guests took Pepsi only?

(c) If a guest is picked at random, what is the probability that he took pepsi?

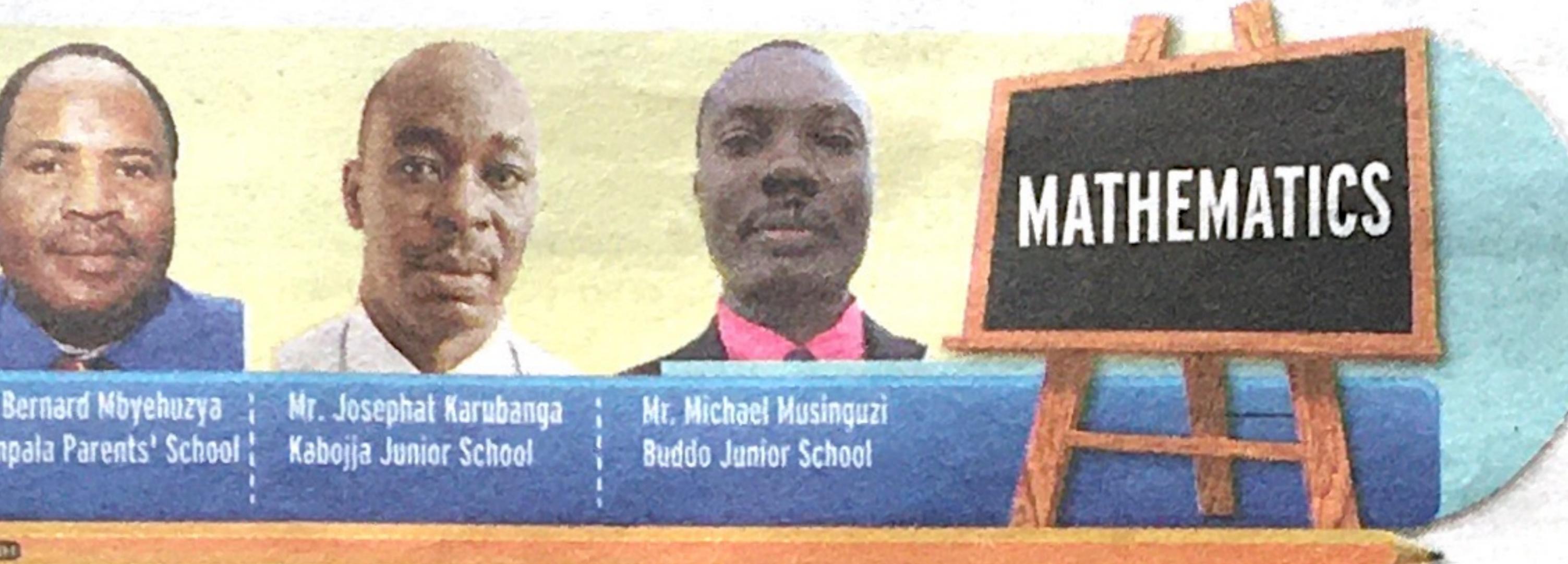
22. a) The box exterior angle of a regular polygon is 100° less than the interior angle. Find the size of the exterior angle of that polygon.

b) Calculate the interior angle sum of the polygon.

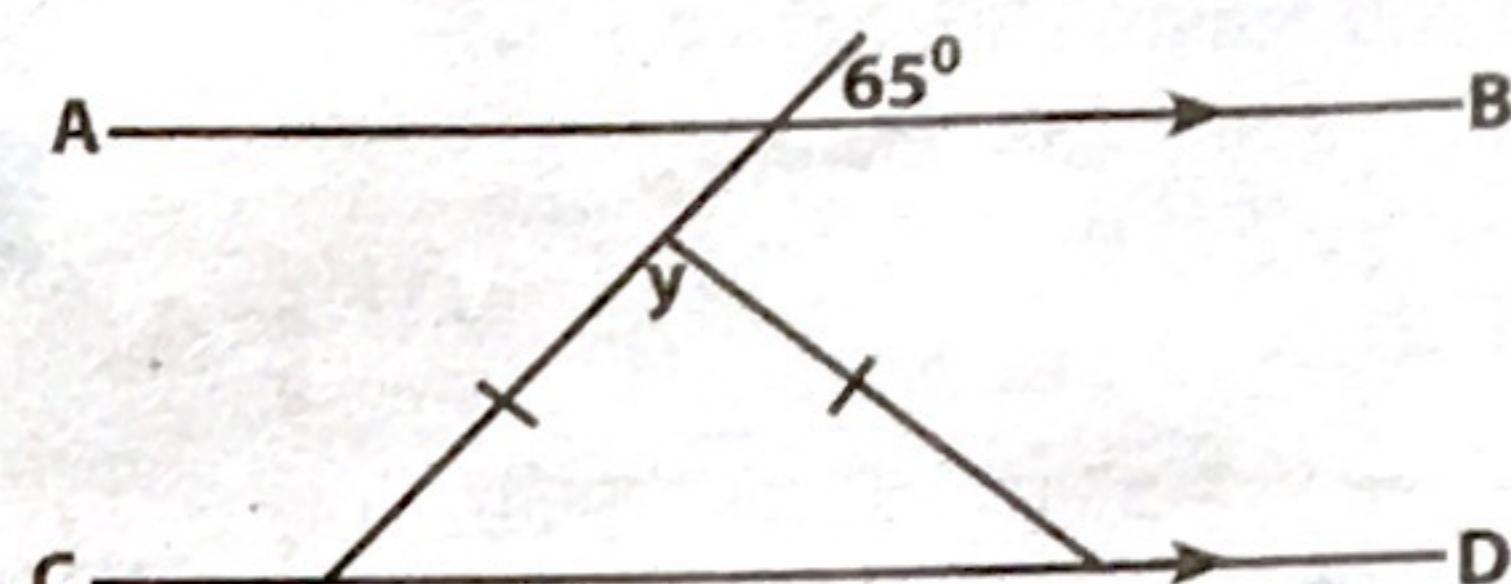
23. In a class, $\frac{3}{8}$ of the pupils are boys, $\frac{5}{9}$ of the boys and $\frac{2}{5}$ of the girls were absent on a certain day. If 550 pupils were absent, how many pupils were present?

a) Calculate the area of the shaded part.

Pass PLE QUIZ is here!



16. In the figure below, AB is parallel to CD. What is the size of angle y?



17. After covering 75% of his journey, Musa still had 20 km to go, how long was the journey?

18. A motorist travelled 120 km in 2 hours and 40 minutes. What was her speed in km/hr?

19. Solve the inequality
 $7 - 2y \geq 3$.

20. A patient was given a 120ml bottle of cough expectorant. He drank 10ml three times a day. Find the number of days the patient took to finish all the medicine.

SECTION A

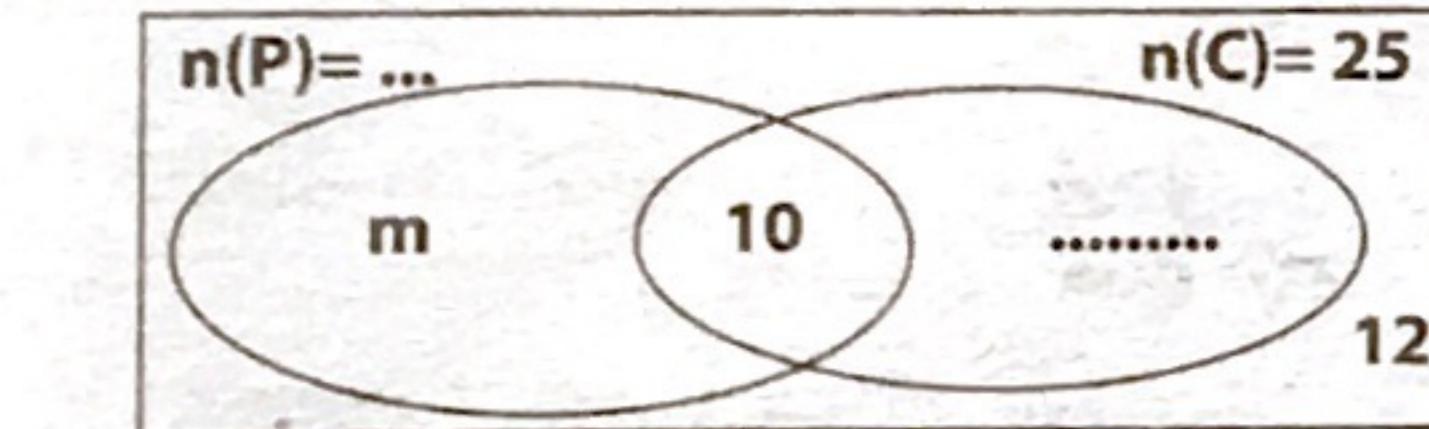
8. Round off 4987 to the nearest thousand
9. Today is Monday, what day of the week was it 29 days ago?
10. Increase sh. 21,000 in the 10:7
11. Given that 7 apples cost Sh 3000, what is the cost $1\frac{1}{6}$ dozen apples?

12. Using a ruler, a pencil and a pair of compasses only, construct an angle of 75° .
13. Poles were fixed 5 metres apart along a straight road. How many poles were fixed if the road is 320 metres?
14. Solve for x: $2^5 \times 4 = 2^x$
15. Subtract $3g - 7$ from $7g - 2$.

SECTION B

21. During a birthday party attended by 60 guests, some guests were served with pepsi (P) and others were served with Cocacola (C). If 25 guests took Cocacola, 10 guests took both pepsi and Cocacola while 12 took none of the drinks.

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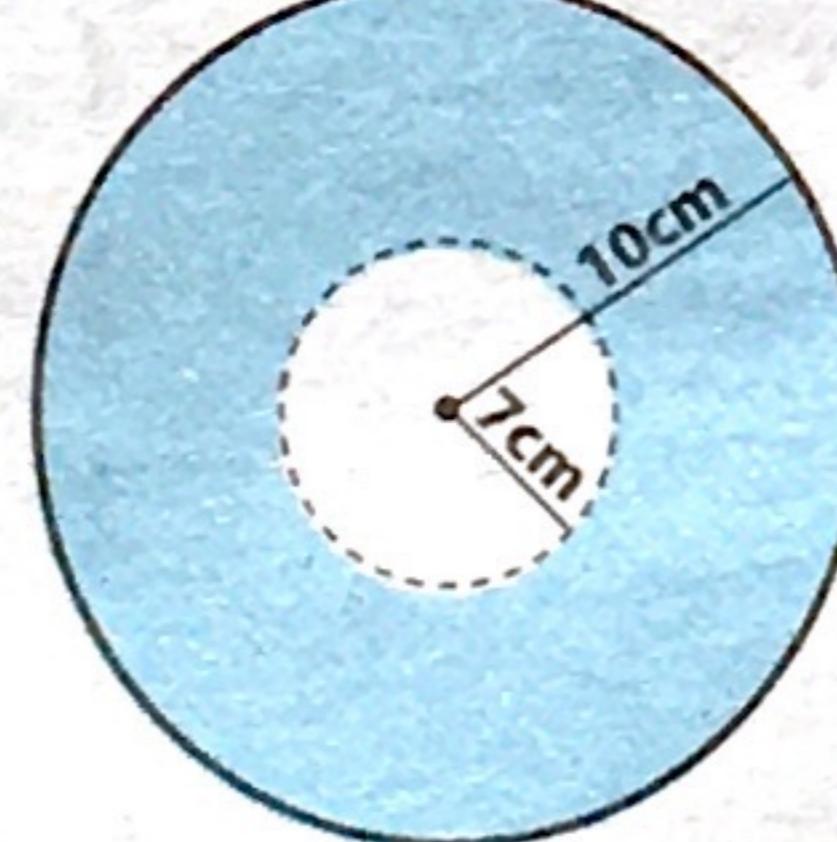
Pass PLE QUIZ is here!

24. There are two security lights at KK Resort. The green light twinkles after every 15 seconds while the red light twinkles after every 20 seconds.



- a) Calculate the time taken in seconds for the lights to flash together.
b) If the lights flashed together at 10:59pm, at what time will they twinkle together again?

25. The figure below is made up of two circles.



- a) Calculate the area of the shaded part.

26. At a boutique, a bag costs twice as much as a dress and a belt costs three fifths of the cost of a dress. Aha bought one bag, 3 dresses and 2 belts. Find the cost of a belt if she paid 310,000 for all the items.

27. Study the foreign exchange rates below and use them to answer the questions that follow.

Currency	Buying in Ugs	Selling in Ugs
1 Kenya shilling (Ksh)	38	43
1 US dollar (\$)	3600	3700
1 British pound £	4800	4900

- a) A trader had Ksh 15,000 which she exchanged for Ugs. How much did she get?
b) A tourist used United States dollars (\$) 1470 to buy British Pounds (£) find the pounds he bought.

28. A tank has three taps A, B and C. Tap A takes 4 hours to fill the tank with water. Tap B takes 6 hours to fill the tank with water while tap C takes 3 hours to fill the same tank. If the tank is $\frac{1}{6}$ full

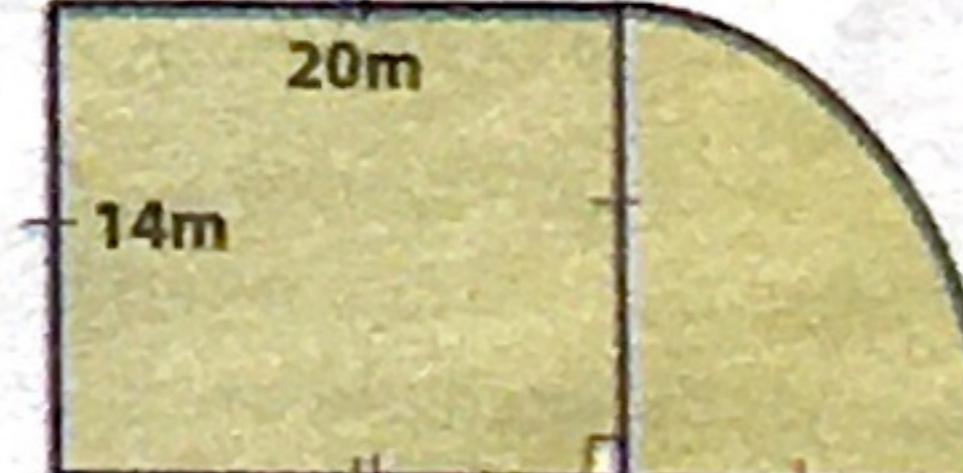
of water:

- (a) Find the time the three taps will take to fill the tank.
(b) What is the capacity of the tank if it had 800 litres of water before it was filled?

29. A helicopter flew from town A to town B 360 km away on a bearing of 240° . It then flew to town C 429 km away on a bearing of 300°

- a) Draw a sketch to show the helicopter's flight.
b) Using a scale of 1 cm to represent 60 km, draw an accurate diagram to show the helicopter's flight.
c) What is the bearing of town A from C?

30. The figure below is a shape of a plot of land.



- (a) Find the distance around the plot.
(b) Find the area of the plot.

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Dr

Bukedde®

- Name any one inland port on Lake Albert in Uganda.
- What was the largest slave market in East Africa?
- Mention any one group of people who use a compass in their work.
- State the reason why some trees shed their leaves during the dry season.
- What type of leaders are got through inheritance?
- Give any one advantage of barter trade.
- How did the industrial revolution in Europe attract many Europeans to come to Africa?
- Name any one product got from the crop shown in the picture.



- Which climatic region of Africa receives rainfall during summer?
- How do vocational institutes help to solve the problem of unemployment in a country?
- What contribution did Sir



SECTION A

- Philip Mitchell made towards the improvement of the education sector in Uganda?
12. State the economic importance of Mwandui to the people of Tanzania.
13. Why was Rwanda and Burundi referred to as trust territories?
14. How did Ludwig Krapf simplify the teaching of Christianity in Kenya?
15. State one problem faced by people in rural areas while looking for medical services.
16. Name the German colonialist who signed a protection agreement with Kabaka Mwanga of Buganda.
17. How does the windward side of a mountain promote crop farming?
18. Apart from being used for transport, state another economic importance of the animal shown in the picture.
19. Why was the railway line from Mombasa to Kisumu called "Uganda Railway"?
20. In which way did the long distance trade lead to the growth of Buganda Kingdom?
21. How was the formation of political parties important in the struggle for independence of African countries?
22. State any one cause of the Great Trek.
23. Why was West Nile transferred to Uganda by the British in 1914?
24. Give any one advantage of using the method of farming shown.
25. State one way children can lead to violation of their rights.



- Mention any two attributes of Uganda as a nation.
- Why should people respect the national symbols?
- Which national symbol shows the character of Ugandans?

- What type of climate is experienced in the Northern part of Nigeria?
- Name the tribe that lives in Northern Nigeria.
- What is the main occupation of the tribe mentioned in 'b'?
- State the major problem faced by the tribe mentioned in 'b'.

- Give the meaning of the term 'regents'.
- Who were the regents of Kabaka Daudi Chwa?

- How is democracy practised in Uganda?
- Give any one example of election malpractice.
- State any two duties of a good citizen.

Use the sketch map to answer question 35.



- 35.a) State the relationship between the lakes marked X and Y.

- b) Which tribe lives along the slopes of the mountain marked P?

- c) Name the highest peaks of mountains marked R and S.
R -
S -

- 36.a) Why was the United Nations formed?
(b) Name the UN agency responsible for promoting children's welfare.
(c) State two ways the agency mentioned in 'b' promotes children's welfare.

37 Match the items in list A with those of list B

- | A | B |
|----------------------|---|
| i) Sir Samuel Baker | - First European to see Mt Kilimanjaro |
| ii) Ludwig Krapf | - First governor of the Equatoria Province |
| iii) H.M Stanley | - First European to see Mt Kenya |
| iv) Johannes Rebmann | - Named Mt Rwenzori "Mountains of the Moon" |

38. a) Give one way in which political stability promotes tourism in a country.
b) Why is tourism referred to as an industry?
c) Give any two tourist sites in Uganda apart from national parks.

FOR QUESTIONS 39 TO 40 ANSWER EITHER CHRISTIANITY OR ISLAM ONLY BUT NOT BOTH

- Either: (a) What name was given to the journey made by the Israelites from Egypt to the Promised Land?
(b) Mention any two problems faced by the Israelites on their journey to the Promised Land.
(c) Why was Moses unable to reach the

- Promised Land?
Or: (a) Who led Ban Israel to the Promised Land?
(b) Mention any two problems faced by the Ban Israel on their way to the Promised Land.

- c) Why was the person named in "a" unable to reach the Promised Land?
40. Either: (a) Give any one example of a needy person.
(b) State two ways needy people can be helped.

- c) What is selfless service?
Or: (a) Name the Pillar of Islam which talks about helping the needy.
(b) State two ways needy people can be helped.
(c) What is selfless service?

FOR NUMBERS 26 TO 30
ANSWER EITHER
CHRISTIAN OR ISLAM
QUESTIONS BUT NOT BOTH.
26. Either: What general name is given to the Ten Commandments?
Or: Name the prophet to whom the Torah was revealed.

- Either: Name the apostle of Jesus Christ who became the leader of the Church when he went to heaven.
Or: Name the first Caliph of Prophet Mohammad.
- Either: Which was the first plague to be sent to the Egyptians by God?
Or: Which was the first plague to be sent to the Egyptians by Allah?
- Either: How is a Bible similar to a constitution?
Or: How is a Quran similar to a constitution?
- Either: Give any one effect of reconciliation to a Christian.
Or: Give any one effect of reconciliation to a Muslim.

In each of the questions 1 to 5, fill in a correct word or words in the blank spaces.

1. My grandfather does not know _____ a helicopter looks like.
2. Do you know how _____ it is from Jinja to Kampala?
3. My nephew was knocked _____ by a speeding car as he was crossing the road.
4. There were very many holiday makers at the bash. _____?
5. Where is the teacher _____ vehicle got stuck in the middle of the road?

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

6. That road was constructed very _____, so it won't last long. (poor)
7. Has your teacher talked about road _____ at school? (safe)
8. Of the two, a taxi is the _____. (busy)
9. Most roads in Uganda are _____. (tarmac)
10. Our first _____ in primary six was about our December holiday. (compose)
11. Magala is a Ugandan, but he looks like a _____. (Ghana)
12. The law about smoking in public needs to be _____. (legal)
13. _____ is one of the causes of robberies in our community. (poor)

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

During the December holiday of 2022, Kalema went to visit his uncle who lives in Kampala. He had a lot of fun with his four cousins at his uncle's place. In the second week of his stay, his eldest cousin, Bamboka, asked him if they could go and have a walk around the city and have fun. Kalema accepted happily and they went on foot. Kalema was surprised at the tall buildings, busy streets and the fast-moving cars. When they reached Jinja Road, Kalema failed to cross the road because his cousin crossed when he was looking at the billboards. He tried, but he failed because the cars were moving very fast.

Kalema decided to cross the road once without looking right or left. Instead, he closed his eyes and ran across the road. Before he could take the last step to the other side, a speeding car knocked his left foot. The speeding car did not stop. The traffic police officer came and took Kalema to hospital in an ambulance to examine his leg. Bamboka ran back home to inform his father of what had happened.



SECTION A

14. A friend of _____ escaped from school. (she)
 15. How many _____ did you see yesterday? (deer)
 16. driving continuous abiding xylophone
 17. leave, lease, lean, lead
 18. shed _____
 19. shade _____
 20. The chimney to the plastics factory is blocked.
 21. Fatuma's point of inquiry was invalid.
- In questions 22 to 24, re-write each sentence giving a single word for the underlined group of words.
22. That special vehicle for carrying patients broke down last year.
 23. People are advised to eat a lot of mangoes, pineapples and oranges.
 24. The woman whose husband died has married again.
- In questions 25 and 26, write the full form of each abbreviation.
25. arr _____
 26. 9th _____
- For questions 27 to 28, arrange the words below to form meaningful sentences.
27. there traffic today jam, Juma is?
 28. engineer father my an been has industrious what!
- For questions 29 and 30, re-write each sentence giving the opposite of the un-

derlined word.

29. I withdrew counterfeit money from the automatic teller machine yesterday.
30. Have you filled your deposit form?

Sub-Section 11

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

31. It is a long way from Nammere to Namawojjolo. (Re-write the sentence using: ...far....)
32. Everybody in this country needs peace. (Re-write the sentence beginning: What everybody...)
33. The porridge was very hot. The baby could not eat it. (Re-write as one sentence using: too..... to.....)
34. Sarah is very young. She can't go to school alone. (Re-write as one sentence using: enough
35. The policeman has come. I told you about him. (Re-write as one sentence using: whom)
36. As soon as the car had an accident, the traffic officers arrived. (Re-write the sentence beginning: No sooner)
37. I will not travel to America if I don't get a visa. (Re-write the sentence beginning: Unless
38. John is playing football. He started playing in the morning. (Re-write as one sentence using: since.....)
39. I want to be studying English instead of rehearsing that song. (Re-write the sentence using: would rather
40. The road is too rough for the president to reach his destination in time. (Re-write as two separate sentences.)

SECTION B

QUESTIONS

1. When did Kalema visit his uncle?
2. Where does Kalema's uncle live?
3. How many cousins does Kalema have?
4. Who is the eldest cousin to Kalema?
5. In which month did Kalema visit his uncle?
6. Give another word with the same meaning as used in the passage:
a) examine:
b) inform :
7. Why didn't Kalema cross the road with his cousin?
8. What made Kalema's left foot be knocked by a speeding car?
9. Suggest a suitable title to the passage.

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

I am very important
In people's lives and businesses
Since I am their
Financial helper
I give loans
To cater for their businesses
And other financial needs.

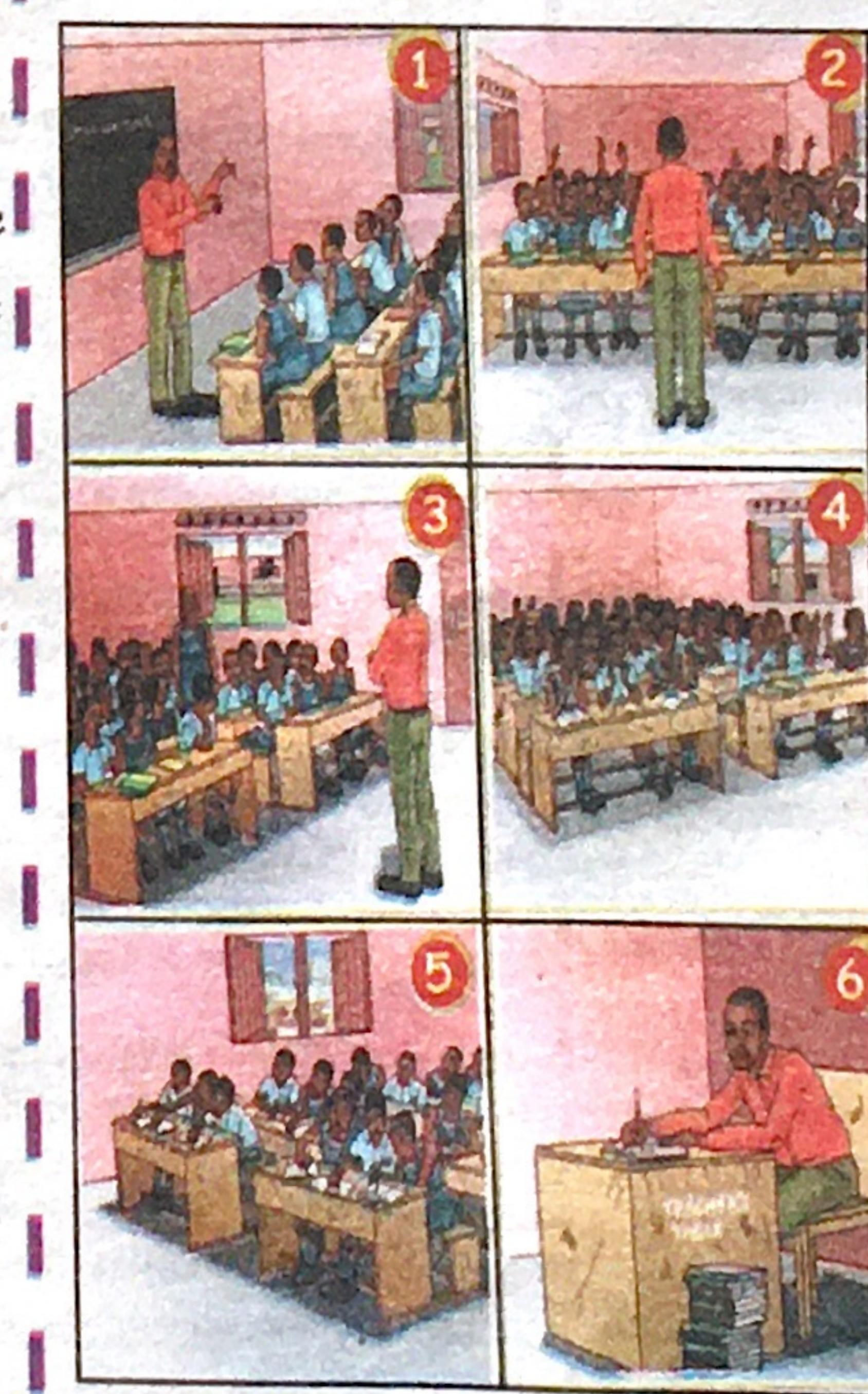
I am very important
Because I keep their money
Safely from thieves and robbers
I also give them interest
On the money they keep with me
They can also withdraw
And make deposits at any time.

QUESTIONS

1. What is the poem about?
2. What do you think is talking in the poem?
3. How many stanzas has the poem?
4. Write down the line that appears in every stanza of the poem.
5. What do loans cater for?
6. By how many stanzas is the poem made?
7. Apart from money and land titles, what else does the bank keep?
8. Write the opposite of deposits.
9. Write in full ATM:
10. Suggest a suitable title to the poem.

43. Study the picture story below and write a sentence about each picture. You can use the words below to write your sentences:

mark , stand , pupil , write , put up their arms , clap , teacher , answer , listen , appreciate , exercise , books



QUESTIONS

1. Picture 1:
2. Picture 2:
3. Picture 3:
4. Picture 4:
5. Picture 5:
6. Picture 6:
7. What is the teacher teaching about in Picture 1?
8. Why do you think the pupils are clapping their hands in Picture 4?
9. What are the pupils busy doing in Picture 5?
10. Suggest a suitable title to the picture story.

- What do we call the release of mature ova into the oviduct in animals?
- State one body structure that makes a housefly different from a spider.
- Give one biological method of controlling elephantiasis.
- Why do farmers rear White leghorn chicken?
- Mention the element of PHC promoted through having dustbins in the compound.
- How does salting prevent food from going bad?
- In which way are semi-circular canals useful in the human body?
- The diagrams below show two dairy farm equipments. Use them to answer questions that follow.



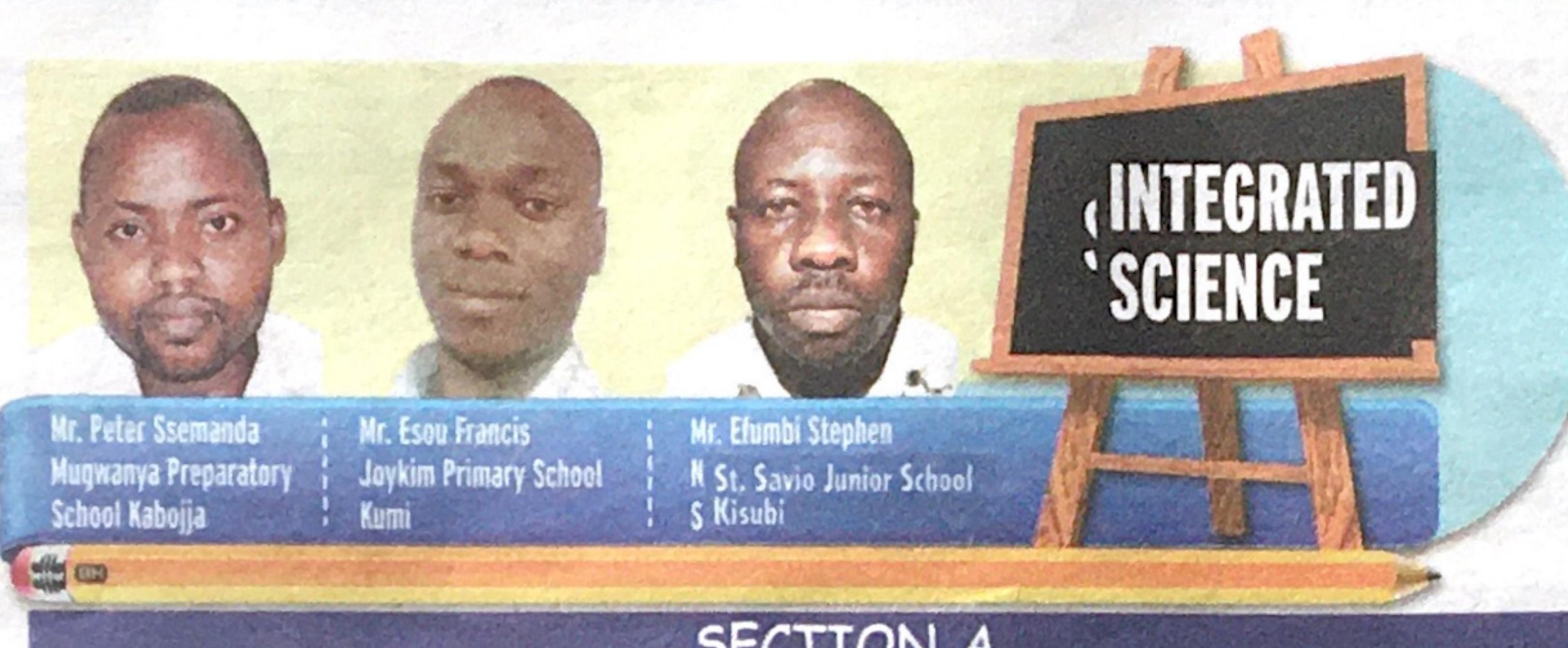
- Name the farm equipment marked L.
9. How is equipment N useful on a cattle farm?
10. In which way is a rabid dog similar to a tsetse fly in the way they spread diseases?
11. Why is it dangerous to groom fingernails by biting?
12. State one disadvantage of setting a beehive near a school.
13. Write down the main reason for giving first aid to a casualty

- 41 a) Which type of energy is possessed by the following :
i) A rolling stone
ii) A counter book on the table
b) State the energy change that occurs when a stone hits the ground.
c) Give a reason why sound is a form of energy

- 42 a) Name the enzyme that clots milk in a 1 year old baby.
b) How is the ileum important during digestion?
c) Outline any two enzymes contained in the pancreatic juice
43 The diagram below shows one of the common organisms in the environment.



- a) Name the fungus that has the mode of reproduction above.
b) State the use of the fungus to people
c) Give one other way fungi reproduce apart from the above
d) State one medical use of fungi to people.
44 a) Name the two classes of vertebrates that undergo exter-



SECTION A

- What is the role of the sun during rain formation?
- How are the antenna of an insect similar to the human skin?
- Mention one disease that attacks both poultry and rabbits.
- Identify the main function of fungi in a food chain.
- Give one way of controlling diseases among children without using drugs.
- Apart from carbon dioxide, give one other raw material in the environment, plants use for photosynthesis.
- How are passion fruits seeds adapted to their mode of dispersal?
- Why are gaps left between rails during railway construction?
- Identify the food value essential for KABODE who is a weight lifter.
- In which method of grazing are cattle kept in small portions obtained through the division of
- large piece of land?
- Name the part of a bean seed that allows water and air into the seed during germination.
- Mention any one example of a health concern in our community. Below is the method of farming use in crop growing. Use it to answer questions that follow.



- Name the method of farming above.
- Give one advantage of the above method of farming.
- Name the sexually transmitted disease that blocks the fallopian tubes in women.
- How are polythene bags dangerous in the garden?
- Give one example of drug of dependence

- Why is tepid sponging encouraged in among children with fever?
- How are crops in mixed farming benefit from livestock?
- State one way a wheelbarrow simplifies work.
- Identify one measure one can use to control water habitat vector diseases.
- Give the meaning of the term refraction in light.
- State one factor to consider when preserving drugs.
- Apart from reproduction, give one other function of a flower to a plant.
- Give one way of controlling electric fire outbreak in a building.
- State one substance that exists in all the three states of matter.
- Name the type of blood carried by the Venacava

SECTION B

- nal fertilisation.
- Mention the natural environment where the above animals spend their early stages of life.
- How are reptiles economically important to people?
- Give the meaning of the term 'Environmental degradation'
- Outline any two human activities that can lead to environmental degradation.
- How has rural electrification tried to maintain the beauty of the environment?
- Why are pregnant mothers regarded as vulnerable people in the community?
- Apart from pregnant mothers, give two other groups of people who are vulnerable.
- Give one reason why a convalescent should be fed on fruits.
- What name is given to the manufactured food for rabbits?
- Give one way a rabbit keeper can prevent his rabbits from digging burrows in a hutch.
- Outline any two rabbit diseases caused by a virus.
- Give one reason why mercury
- ry is used in a Six's thermometer
- Apart from Mercury, state one other liquid used in a Six's thermometer.
- Convert 40°C to a Fahrenheit scale.
- Mention any two causes of soil erosion.
- State two ways of controlling soil erosion in hilly areas.
- The diagram below shows one of the health lifestyles one ought to observe.



- Identify the health lifestyle above.
- Name the communicable disease prevented by the above health lifestyle.
- Apart from the above mentioned lifestyle, give two other ways of controlling the mentioned disease.
- Outline two types of pollination
- Give one characteristic of wind pollinated flowers.
- Why do wind pollinated flowers produce a lot of pollen grains?
- Which kind of fuel is obtained by decomposition of animal excreta?
- Mention two uses of the above fuel in a home.
- How is the production of the above fuel said to be good to the environment?
- Mention any two examples of involuntary muscles in the body.
- Why are biceps and triceps muscles called antagonist muscles?
- State the importance of muscles in the human body.
- State two factors that affect the pitch of sound.
- Why is sound unable to travel through a vacuum?
- Give one example of percussion instruments
- Write in full :
i) HIV ii) AIDS
- Mention any one body fluid in which HIV can be found.
- Why is tuberculosis taken as an opportunistic infection to the human body?

ANSWERS TO ISSUE 45

- Size of the air spaces between the particles
 - It helps to remove germs on the skin/ soap used on the skin helps to kill germs on it
 - Predators help in the control of pests in an area/ some predators kill and eat dangerous animals in the environment
 - To prevent drug abuse/ to prevent drug poisoning
 - For cutting grass used for mulching and thatching farm structures
 - They spread zika virus to people
 - These are natural colours that exist in the environment on their own.
 - They lead to anaemia.
 - Mistake
 - Gaseous state of matter/ gas state of matter
 - They have very strong cohesion force between them.
 - Poor feeding/ reckless life styles eg smoking tobacco, drinking alcohol
 - They block the air spaces in the soil/ they make the soil too hard and dry to cultivate
 - Jik/ sanitisers
 - For breathing
 - By roasting/ by peeling
 - They shed leaves which rot and form humus in the soil/ tree roots hold the soil together
 - Ash from plant materials
 - They work in alkaline PH scale/ they work on only cooked starch/ they are destroyed by heat
 - Natural fertilisers stay long in the soil yet artificial fertilisers take a short time in the soil/ natural fertilisers do not pollute the soil yet artificial fertilisers pollute the soil if used for a long time.
 - By cleaning their hutch/ by treating or vaccinating them/ by feeding them well.
 - It takes more than a year to mature and provides multiple harvests
 - For easy cleaning
 - To prevent the pigs from digging the ground
 - Maternal and child health care
 - It makes the fish dry that prevents the germs from multiplying on it
 - It causes shortage of clean water supply in an area
 - Abomasum
 - Scaly leaf or scales
 - It develops into roots/ it sprouts and grows into an Irish potato plant
- SECTION B**
- Immunisation
 - By preparing a balanced diet/ by maintaining proper food hygiene
 - Shortage of food/ poor water supply/ resistance from some members on promoting some elements of PHC/ some materials used are expensive
 - Voltmeter
 - A -measures the voltage flowing in the circuit while B -measures the amount of current that has been used
 - it prevents deforestation for wood fuel/ it does not pollute the environment or it does not produce smoke
 - Rock particles/ mineral salts/ water/ air
 - Bacteria decompose organic matter to form humus in soil
 - Water cools the soil for bacteria to work/ water dissolves mineral salts in the soil
 - It is easy to be digested/ It provides a balanced diet to the baby/ it is always at the right body temperature for the baby
 - It acts as a method of family planning to her/ it is cheap for her to maintain/ it enables the mother to create a strong bond with the baby.
 - When the mother has an illness that has been transmitted to a baby through breastfeeding

