

# PASS PLE


**Bukedde**

YOUR GUIDE TO A BETTER LIFE THROUGH EDUCATION

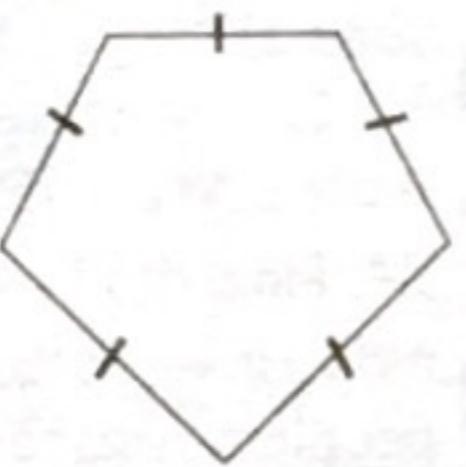


- Work out:  $10 + 347$
- What is 25% of 200?
- Find the complement of an angle of  $20^\circ$ .
- Write in Roman numerals: 540
- Simplify:  $3k - 5m + 2k + 2m$
- Write in figures: Four hundred thirty two thousand thirty three
- Solve:  $2h + 6 = h + 2$
- Find the next number in the series: 125, 64, 27, 8, \_\_\_\_\_
- Change 700cm to metres.
- Work out:  $101_{\text{two}} \times 11_{\text{two}}$
- Calculate the average of:  $8y, 10, 6, 4y$



## SECTION A

12. Find the sum of the exterior angles of the figure below.



13. What is the smallest number divisible by either 7 or 8?

14. Work out:  $-6 + -10$

15. An examination started at 8:30 pm and ended after  $2 \frac{1}{2}$  hours. At what time did the examination end?

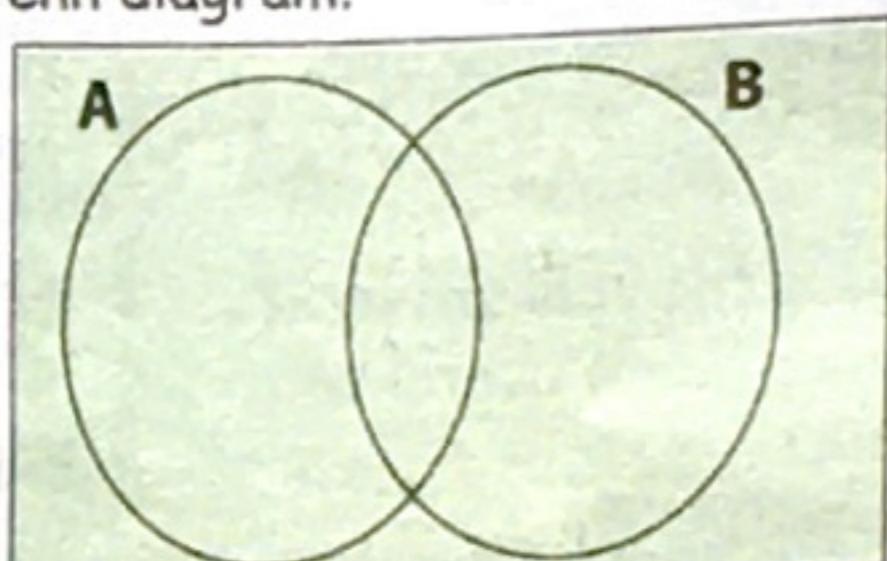
16. At Kivumbi's shoe shop, there are 200 pairs of shoes of different sizes. The probability of picking a pair of shoes size 9 is  $\frac{1}{4}$ . How many pairs of shoes are not size 9 in this shop?

17. What is the mode of the following numbers: 15, 2, 7, 8, 11, 2, 6, 4, 2, 6 and 3?

18. Show the lines of symmetry the figure below can have.



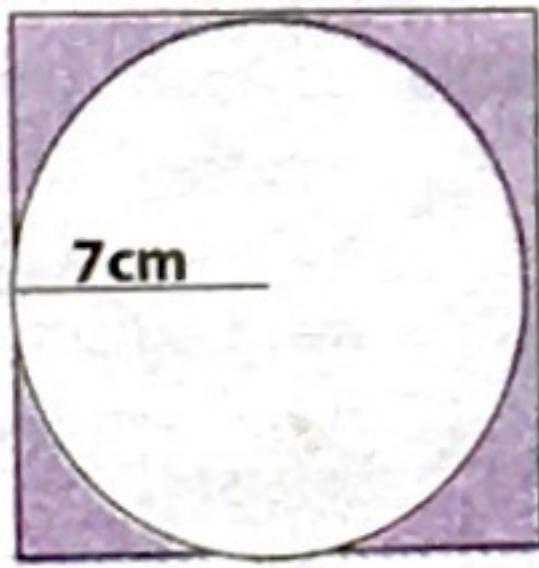
19. If  $A = \{a, b, c, d, e, f\}$  and  $B = \{a, e, i, o, u\}$ . Represent the information above on the Venn diagram.



20. Expand 7894 using powers of ten.

## SECTION B

- 21(a) Find the area of the shaded part in the diagram below. (Take  $\pi = \frac{22}{7}$ )

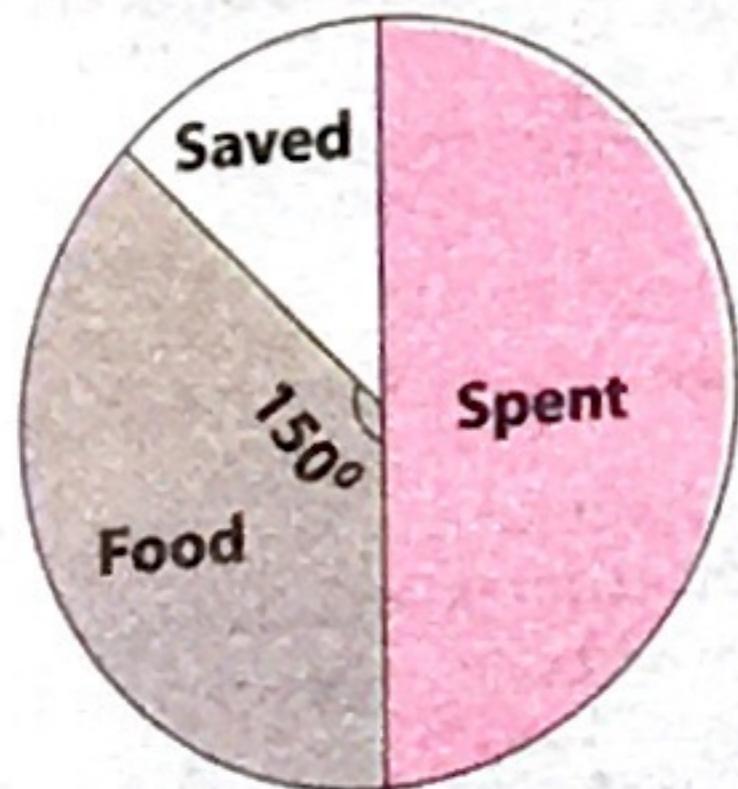


- (b) Calculate the perimeter of the shaded part.

22. Mujid scored the following marks in a number of exercises in class last term: 8, 10, 6, 9, 12, 5, 11, 13, 10 and 15.

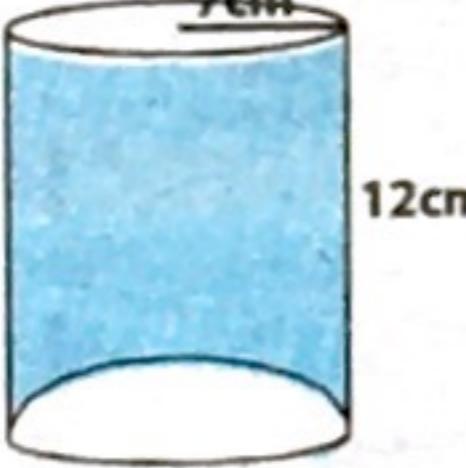
- (a) What was her mean mark?  
(b) Find her modal mark.  
(c) What is the range in her marks?

23. The pie chart represents Onyu's expenditure in the month of May. He had 140,000/= altogether.



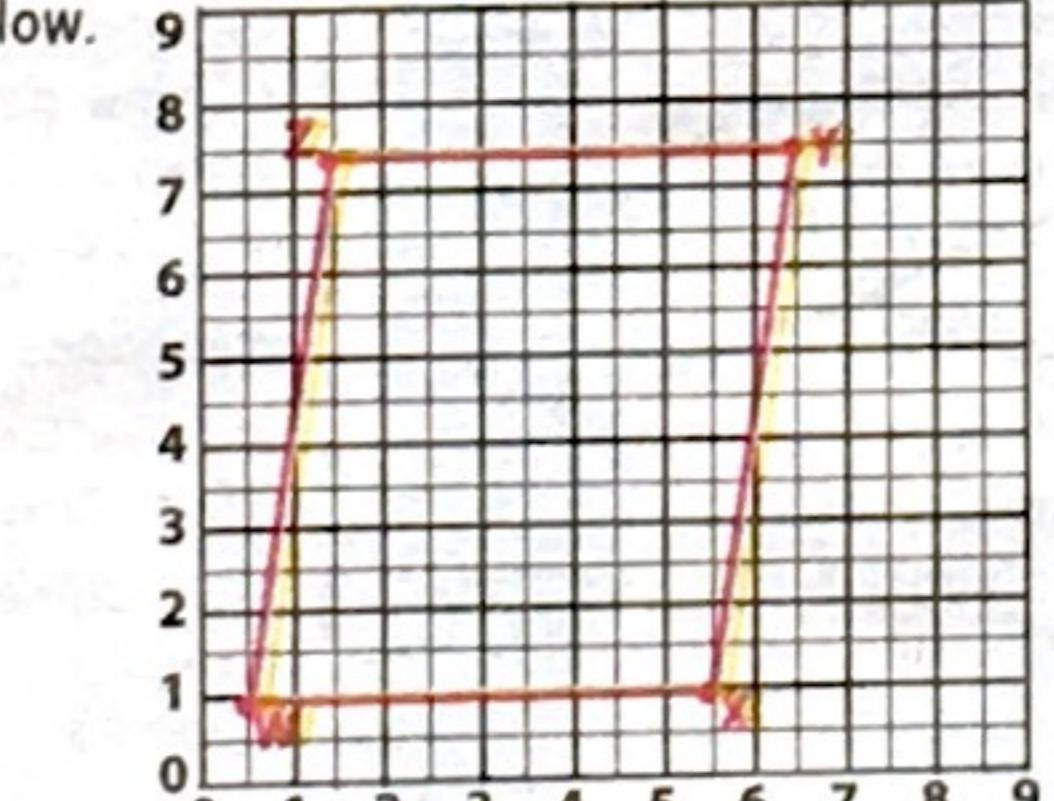
- (a) How much money did he spend on his rent?  
(b) How much more did he spend in fees than on rent?  
(c) How much money did he save?

24. The diagram shows a cylinder of radius 7cm. Calculate:



- (a) the volume of the cylinder.  
(b) the area of the shaded surface of the cylinder.

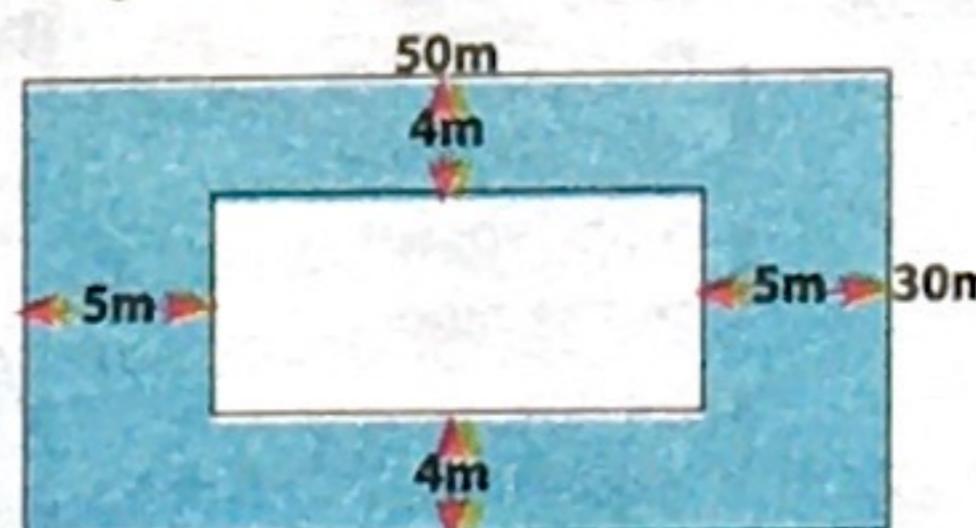
25. On the grid below, WXYZ is a parallelogram. Use it to answer questions that follow.



- (a) What are the co-ordinates of each of the points?  
(i) W \_\_\_\_\_ (iii) Y \_\_\_\_\_  
(ii) X \_\_\_\_\_ (iv) Z \_\_\_\_\_  
(b) When the diagonals of the parallelogram are joined, what are the coordinates of the meeting point?  
(c) Express 20m per second in km per hour.

- (b) How far does a car travelling at a speed of 70km per hour go in 1 hour 30 minutes?

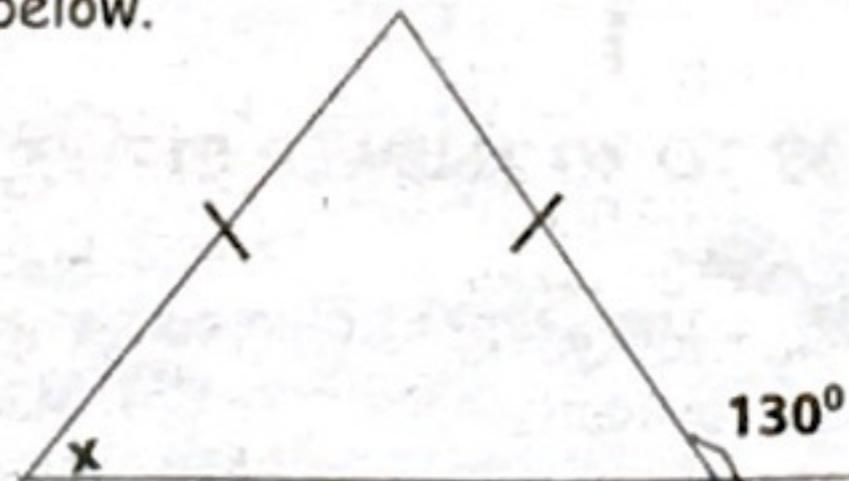
27. Mr Makaada used his plot of land as shown below. He used the middle part for growing tomatoes.



- (a) Find the area of the whole plot of land.  
(b) Find the area used for growing tomatoes.  
(c) Calculate the area of the unused part of the land.

28. In a class of 200 pupils,  $\frac{2}{5}$  are boys and the rest are girls. How many more girls than boys are in this class?

- 29(a) Find the size of angle x in the figure below.



- (b) What is the complement of  $60^\circ$ ?

- 30(a) Work out a number which has been expanded as below:

$$(8 \times 10^2) + (6 \times 10^1) + (9 \times 10^0) + (4 \times 10^{-3})$$

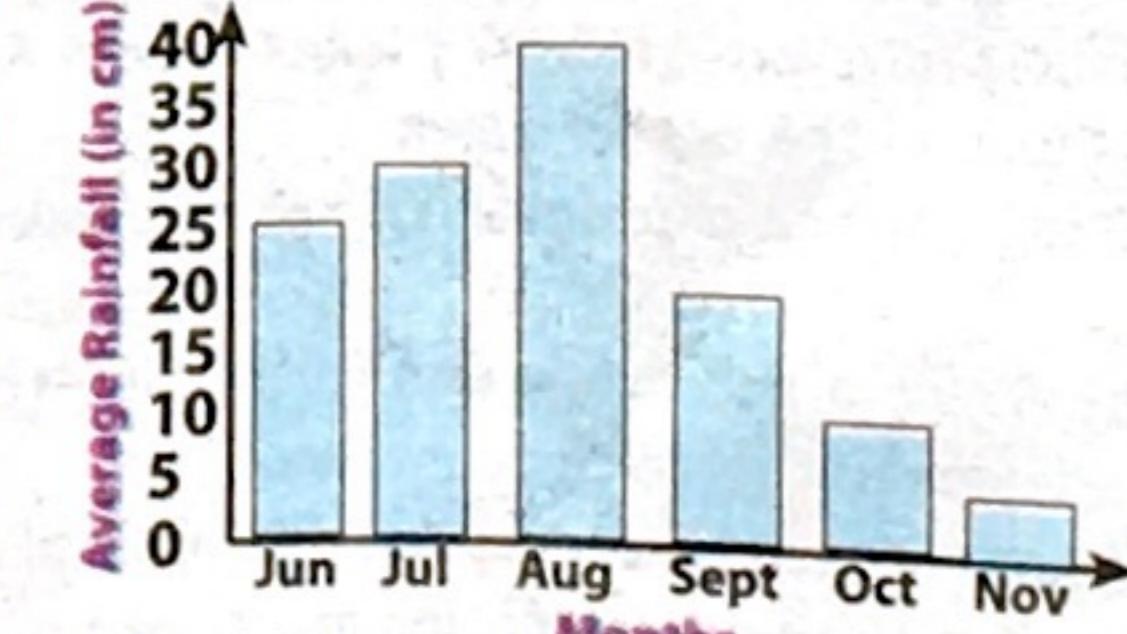
- (b) Given that  $a = 3$ ,  $b = -3$  and  $c = 4$ , calculate the value of  $c(b^2 + a)$ .

- 31(a) Complete the shopping bill table below.

ITEM	QTY	UNIT COST	AMOUNT
posho	$3 \frac{1}{2}$ kg.	Sh. 3600	sh .....
sugar	2 kg.	Sh.....	Sh. 10,000
wheat	$1 \frac{1}{4}$	Sh. 6,000	.....
flour	packets		
<b>TOTAL COST</b>			sh .....

- (b) How much is the total shopping bill after a 5% discount is given?

32. Use the graph below to answer questions that follow.



- (a) In which month of the year was the highest amount of rainfall received?  
(b) What was the greatest amount of rainfall received during that year?  
(c) Calculate the average amount of rainfall received during the year.

1. Give any one source of food in a community.

2. Apart from paying school fees, state any other way parents support the education of their children.

3. Mention any one product got from cloves.

4. Which country in the Horn of Africa is crossed by the Equator?

5. How did Sir Hesketh Bell promote trade among Uganda, Kenya and Tanzania?

6. What political event took place in Uganda in 1967?

7. Why are radios considered to be the most effective means of communication?

8. Give any one colonial similarity between Rwanda and Tanzania.

9. How was the tool shown in the picture below useful to early man?



- SECTION A**
10. What type of rainfall is received around Mabira forest?  
11. Why are tractors not commonly used for agriculture in Kisoro district?  
12. State any one way rural electrification will help to preserve the environment.  
13. How does the constitution promote human rights in a country?  
14. Which agreement led to the final fixing of the boundaries of East Africa?  
15. State the major cause of Kabaka's crisis in Buganda between 1953 and 1955.  
16. How does UNBS control the sale of substandard goods on Uganda's market?  
17. How is the tool shown useful to people?  
18. State the contribution made by Ruga-Rugas to the development of the Nyamwezi empire.  
19. Why is it not advisable for a country to depend on one item for multi-lateral trade?  
20. Name any one African country which is a member of the Commonwealth but was not colonised by Britain.  
21. How does afforestation control global warming?  
22. Which Ministry in Uganda cares for people affected by landslides?  
23. State the function of the weather instrument shown.  
24. How did Nuwa Mbaguta help to improve the welfare of people in western Uganda?  
25. State the factor that has led to a reduction of death cases among infants in Uganda.



31.a) Name any country in the Northern region of Africa which experiences Mediterranean climate.

(b) In which season do Mediterranean climatic regions receive rainfall?

c) Apart from growing citrus fruits, mention any two other economic activities carried out in Mediterranean climatic regions.

32. Match the rebellions with their leaders.

- A  
a) Lamogi  
b) Hehe  
c) Maji Maji  
d) Mau Mau

- B  
Kinjikitile Ngwale  
Awich  
Dedan Kimathi  
Mkwawa

33.a) Give the relationship between rift valley lakes and block mountains.

b) Name any two Rift valley lakes in East Africa which are found in the Eastern arm.

c) State any one characteristic of rift valley lakes.

34.a) Which organisation was formed in Africa to unite all independent African countries?

b) What role did Emperor Haile Selassie play in the formation of the organisation mentioned in "a".

### SECTION B

c) Name any two leaders of East Africa who participated in the formation of the organisation mentioned in "a".

Use the map to answer question 35.

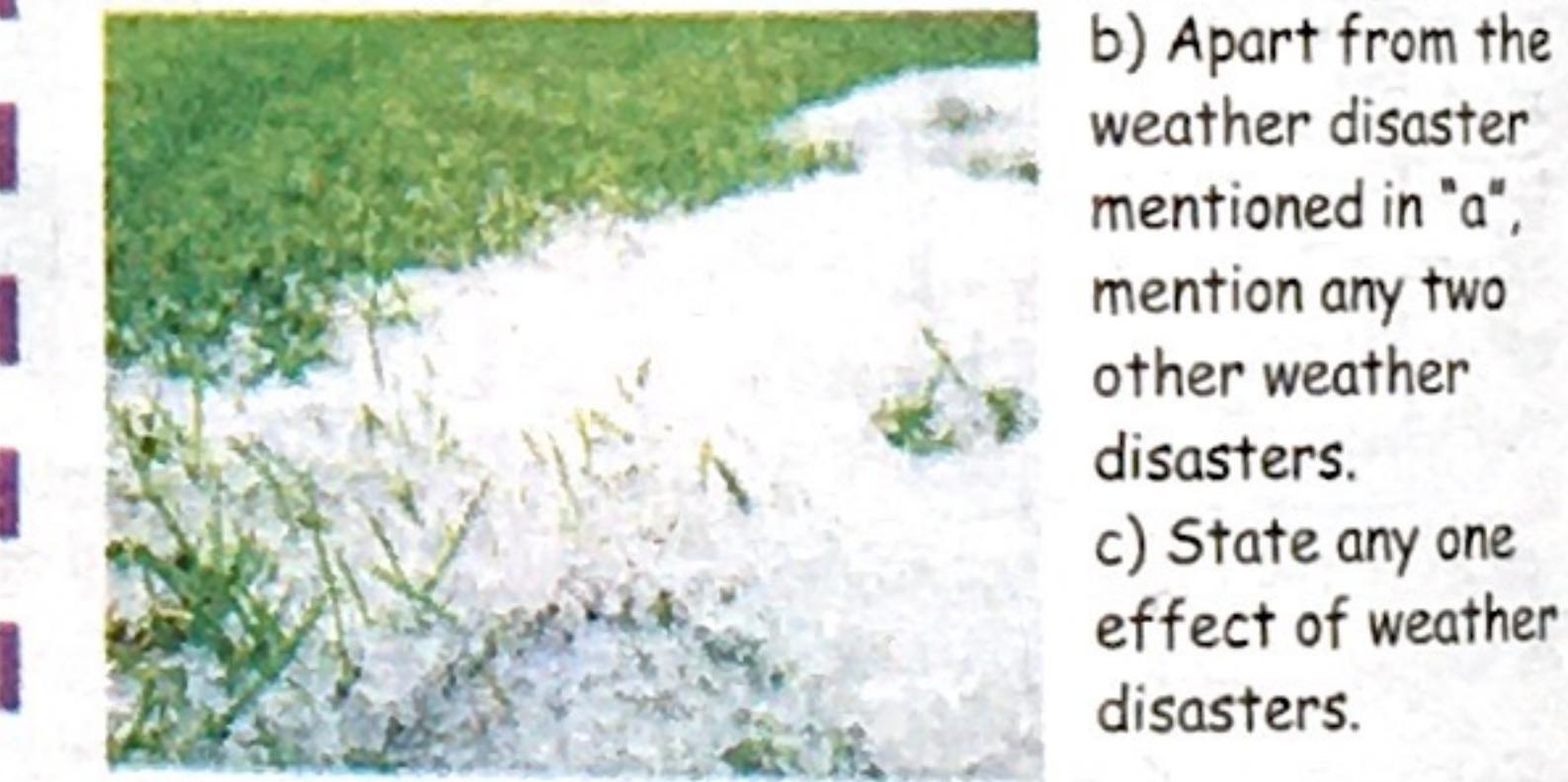


35.a) Name the explorers who used the route shown on the map.

b) Whom did the explorers mentioned in "a" meet at place marked B?

c) Name the place A.

36.a) Which weather disaster is shown in the picture?



b) Apart from the weather disaster mentioned in "a", mention any two other weather disasters.

c) State any one effect of weather disasters.

37.a) Give one term to mean sending and receiving of messages.

b) How does sending and receiving messages promote trade?

c) State any two modern ways of sending and receiving messages.

38.a) Why should one organising a birthday party know the number of people who are going to attend?

b) Why should one who will not be able to attend inform the organiser on time?

c) Give any one reason why the organiser should put some extra meals on his plan.

d) What term is given to such a plan?

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

39. Either: (a) How did Adam and Eve disobey God?

b) Why is the serpent blamed for the fall of man?

c) State any two ways through which people sin against God.

Or : (a) How did Adam and Hawa disobey

Allah?

b) Why is the serpent blamed for the fall of man?

c) State any two ways through which people sin against Allah.

40.Either: (a) How is baptism important in Christianity?

(b) Name the sacraments that:

i) Unite man and woman as husband and wife -

ii) Enables people to become priests -

(c) What is the last sacrament in Christianity?

Or:

a) How is Shahadah important in Islam?

b) Name the pillar of Islam that;

i) commits Muslims to pray -

ii) commits Muslims to help the needy-

c) What is the last pillar of Islam?

FOR NUMBERS 26 TO 30 ANSWER EITHER CHRISTIAN OR ISLAM QUESTIONS BUT NOT BOTH.  
26. Either: State the importance of fasting to a Christian.

Or: State the importance of fasting to a Moslem.

27. Either: Why did God choose Moses to deliver the Israelites from slavery?

Or: Why did Allah choose Musa to deliver the Ban-Israel from slavery?

28. Either: Mention any one form of suffering.

Or: Mention any one form of suffering.

29. Either: Why do Christians pray before going to bed?  
Or: Why do Moslems pray before going to bed?

30. Either: How does work create happiness among Christians?  
Or: How does work create happiness among Moslems?

Fill in the blank space with the most correct word or group of words.

1. All primary schools in Uganda will break \_\_\_\_\_ for holidays in August.

2. The carpenter has just \_\_\_\_\_ the furniture that is why it is shining.

3. Miriam is married to \_\_\_\_\_ Ghanaian national.

4. Work hard \_\_\_\_\_ you will not get good marks.

5. The \_\_\_\_\_ has now finished mending my shoes.

6. The \_\_\_\_\_ couldn't extract my tooth because the gum was swollen.

Use the correct form of the word in brackets to complete each sentence.

7. We received a warm \_\_\_\_\_ when we visited them. (receive)

8. Our school was cleaned by some \_\_\_\_\_. (voluntary)

9. Kasana raised several points of \_\_\_\_\_. (inquire)

10. Maria was the \_\_\_\_\_ in the queue. (nine)

11. My father's \_\_\_\_\_ to India took almost five hours. (fly)

12. The school bought a lot of \_\_\_\_\_ instruments during the music competition. (music)

13. The \_\_\_\_\_ about the de-



### SECTION A

struction of the environment will be held next week. (discuss)

14. Most \_\_\_\_\_ like visiting distant places during their holidays. (vacate)

15. Our teachers usually \_\_\_\_\_ us to read hard. (courage)

For questions 16-17 arrange the words in alphabetical order.

16. read discuss write compile

17. second first ninth twelfth

In questions 18-19, write the abbreviations in their full form.

18. Rev. \_\_\_\_\_

19. Hon. \_\_\_\_\_

For questions 20-21 use the words in sentences to show that you understand their meaning.

20. deer: \_\_\_\_\_

21. dear: \_\_\_\_\_

For questions 22-24 re-write the sentences giving one word for the underlined group of words.

22. The woman who sews our school

uniform has not delivered any uniform for second term.

23. The holiday makers were told to talk to their parents in a humble way.

24. My sister's son studies in a high school.

In questions 25-27, give the opposite form of the underlined words.

25. There are some wild animals in Mabira Forest.

26. That boy talks a lot because he is intelligent.

27. The waitresses have not laid the tables.

Give the plural form of the following words.

28. puppy \_\_\_\_\_

29. ox plough: \_\_\_\_\_

30. ream of paper: \_\_\_\_\_

For questions 31 - 40 re-write the sentences as instructed

31. I prefer listening to gospel music to listening to secular music. (Re-write using: would rather.....)

32. The number was very difficult. All the candidates could not pass it. Use: ..... such a ..... that .....

33. The English paper consists of section A and Section B. Use: ..... comprises.....

34. There is hardly any tea in the kettle. Re-write and use: ..... little.....

35. Tom said, "We are not going to town today." Begin: Tom said that.....

37. The woman is crying bitterly. Her first born was sacrificed. Use: ..... whose.....

38. What a lovely gown the bride wore! Use: ..... very .....

39. The bestman was not smart. The bridesmaid was not smart. Begin: Neither ..... nor .....

40. Sheila did not attend the wedding. Shakulu did not attend the wedding. Begin: Both.....

### SECTION B

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

Long ago in the village of Kenzo, there was only one man called Mugaga who had a radio. That time radios were scarce and expensive, few people had them. In this village, if one wanted to listen to the news or announcements one had to go to his home since he was the only one with a radio.

One day, Lukyolo decided to go to this man's home at 8:00 p.m. to listen to the news, unfortunately Mugaga was not at home at that time. He waited for him in vain. This poor man walked away miserably.

When he reached home, his wife welcomed him back and served him with supper. After that, he went to bed. As he lay on his bed, he thought of a plan to sell one of his bulls so that he could acquire a radio. In the morning, he shared it with his wife and she welcomed the idea. They sold the bull at five hundred thousand shillings and bought the radio expensively.

Now things have changed. A radio has become cheap and affordable and much smaller. Today there is a radio in almost every home. There are also many radio stations and you can hear news and announcements every hour in several languages. You can also listen to music especially pop music.

#### QUESTIONS

a) Which man had a radio in Kenzo Village?

b) Where would one go if one wanted to listen to news or announcements?

c) At what time did Lukyolo go to the rich man's home?

d) How did Lukyolo leave the rich man's home?

e) What did Lukyolo sell in order to buy a radio?

f) How often can one hear news or announcements?

g) How much money did Lukyolo receive after selling his bull?

h) Which kind of music can one listen to over the radio?

Give another word or group of words with the same meaning as the following

i) Scarce \_\_\_\_\_

ii) Expensive \_\_\_\_\_

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

#### KAMPALA -MASAKA HIGHWAY

This is to inform all those whose buildings are in the road reserve along Kampala Masaka highway to vacate before 30th August 2023. This is to allow the contractors to begin construction as planned.

The government is funding this road. Those who will not do this as requested will be taken to courts of law. They will also pay a fine of five hundred thousand shillings because of wasting government's time.

The Management  
Uganda National Roads Authority  
2nd August 2023

43. The table below shows different buses and their stations. Study It carefully and answer questions that follow.

Day	Bus	Station/departure time	Station/arrival time
Sunday	Bus A	From Arua 9:00 a.m.	Kampala 6:00 a.m.
Monday	Bus B	From Jinja 9:00 a.m.	Kampala 11 p.m.
Tuesday	Bus C	From Kampala 8 a.m.	Mbarara 2:00 p.m.
Wed	Bus D	From Kampala 9:00 p.m.	Kamuli 11:00 p.m.
Thurs	-----	-----	-----
Friday	Bus E	From Jinja 7:00 a.m.	Mukono 8:00 a.m.

#### QUESTIONS

1. How many buses does the table show?

#### QUESTIONS

1. What is the notice about?

2. Who is being informed in the notice?

3. Which road is to be constructed?

4. When should people vacate the road reserve?

5. Who is funding the construction of the road?

6. When was the notice written?

7. What will happen to those who will not have left the road reserve?

8. Why will those people pay a fine of five hundred thousand shillings?

9. Who wrote this notice?

10. Give another word to mean 'vacate'.

2. Which bus travels the shortest journey?

3. How long does this shortest journey take?

4. Which bus travels at night?

5. At what time does the earliest bus start its journey?

6. How many buses start their journey at 8:00 a.m.?

7. When is there no bus travelling?

8. What is the destination for Bus C?

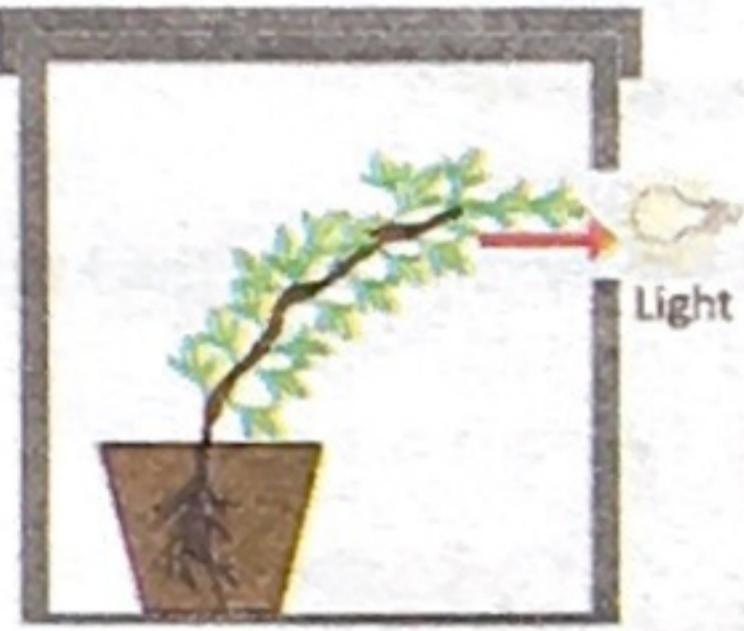
9. How many days are included on the table?

10. Which bus arrives at its destination at 6:00 a.m.

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- Name the organ that helps to balance water in the body.
- How can the spread of foot and mouth disease in cattle be controlled in an area?
- State the process by which water turns into steam.
- Name one condition under which drugs are kept.
- State one way in which wind can be useful to plants.
- Below is an experiment carried out by a P6 class. Use it to answer questions that follow.



- Name the kind of plant response the p6 class was proving by the above.
- Why was the plant bending towards the direction of the light?
  - Give one method of making magnets which doesn't require using a magnet.
  - Besides immunisation, give one other element of PHC that helps to control COVID-19
  - Name any one example of a flat bone in the body.
  - How does crop rotation help to control soil erosion?
  - What are beasts of burden?
  - Give one way a cob web is important to a spider.
  - State the difference be-



## SECTION A

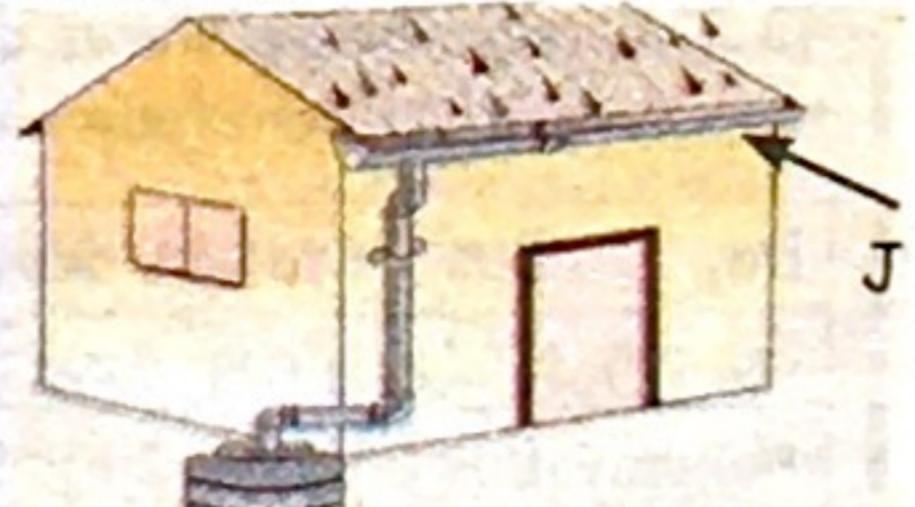
- tween sepals and petals in terms of their functions.
- Name the fungus which commonly grows from a loaf that has overstayed.
  - How does refrigerating prevent food from going bad?
  - How is a passion fruit plant able to receive sunlight?
  - The diagram below shows an invertebrate. Use it to answer questions that follow.
  - Name the invertebrate shown.
  - To which group of invertebrates does it belong?
  - Why would you advise young children to eat more of proteins than adults?
  - Where does conception take place in the female reproductive organ?
  - Give a reason why free range system of rearing cattle may not be suitable in urban areas.
  - What do we call the practice of growing crops and trees and rearing of animals in the same garden?
  - How does a porcupine protect itself?
  - The diagram below shows an experiment carried out about soil
- during photosynthesis?
- In which way can oil poured on stagnant water help to stop malaria infections in a home?
  - Give a reason why Nitrogen is matter.
  - State the importance of the amniotic fluid during pregnancy.
  - Give one way seed dispersal sometimes can be of a disadvantage in the environment.
  - Identify one way of controlling ringworm infection.
  - Give one item used for cleaning hands after using a toilet.
  - Why is a hard object placed in the mouth of a person with convulsions?
  - How do grasshoppers produce sound?
  - Why do farmers make scare crows in the shape of a human being?
  - Name one example of biodegradable materials.
  - State one way of controlling fleas at home.

## SECTION B

- How is the reproduction of bacteria different from that of a mushroom?
  - Mention any two human fungal diseases.
  - State one way of controlling fungal infections.
  - What do we call materials which do not allow heat to pass through them easily?
  - Below is a diagram of a home item
- What is the use of holes marked L?
- Give two advantages of using the above item over metallic ones.
  - Write down any two artificial methods of vegetative propagation.
  - Apart from an onion, give one other example of a bulb.
  - How are onions propagated?
  - Name the method of soil formation from dead organism.
  - Apart from air and water, give two other components of soil.
  - State one use of soil to plants

- Which blood vessel carries digested food from the ileum to the liver?
- Besides collecting oxygen, Give one other reason why blood flows to the lungs.
- Name the sexually transmitted disease that affects white blood cells.
- Give one way of increasing the pulse of blood.
- Why is it not good to induce vomiting on a person who has taken paraffin?
- Give one way of controlling poisoning caused by drugs.
- State two reasons for administering first aid to a casualty.

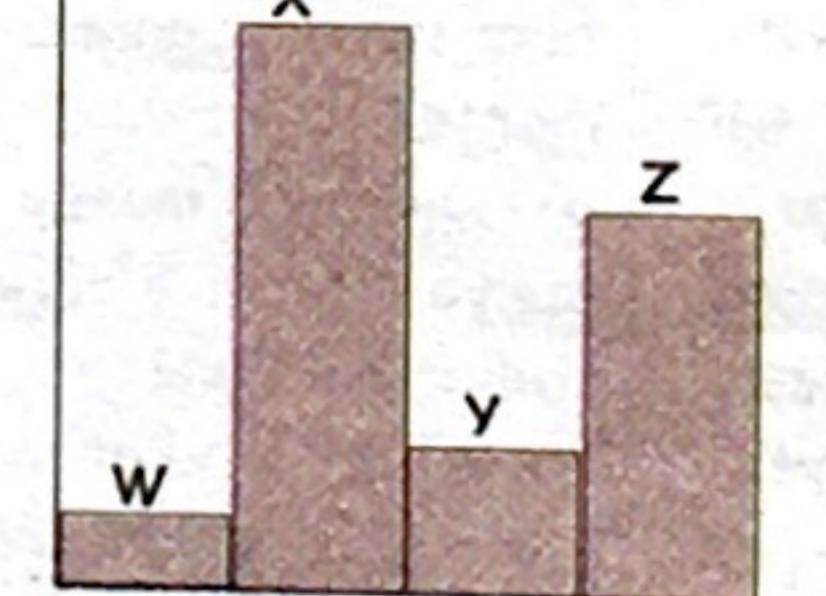
- Rearrange the following steps used in cleaning clothes in a correct order of happening; washing, rinsing, sorting, soaking
- Give two ways a school director can promote primary health care in his school.
- State one danger of sharing water sources with animals.
- How does boiling water control diarrhoeal diseases?
- Name the intestinal worms which cause a lot of itching around the anus.



- Name the part marked J
- Give the use of the above mentioned structure
- Besides using a water tank, give two other items used for harvesting water at home.
- Name the brown coating which forms on a metallic object that has stayed outside overnight.
- Write down two conditions necessary for it to form on a metallic object.
- Give one way of preventing metallic objects from forming it

- Write down two examples of primates.
- Why are primates regarded as the most advanced mammals?
- How are mammals different from amphibians in terms of heart chambers?

53 Use the graph below to answer questions that follow.



- Name the gases marked Y and Z
- Give the use of gas W to man
- State one way wind may be a danger to a crop farmer.
- Mention any two causes of a short circuit.
- Write down one danger that can be brought by a short circuit.
- How do people who repair electronic devices guard against being shocked by electricity?
- What is a pulley?
- Name any two types of pulleys
- How is a pulley useful in a school?

## ANSWERS TO ISSUE 31

- Weeding/ mulching
- To prevent wastage/ to prevent high expenditures on energy bills/ to prevent exhaustion of energy resources
- Herat water/ red water/ anaplasmosis/ east coast fever
- Broadcasting planting
- They prevent wind from destroying people's houses/ it prevents wind from breaking or destroying people's fruit crops in the compound
- They help to kill some vectors in other environment/ they help to kill insect pests in the gardens.
- The sun/ the stars/ glow worms/ fire flies
- Diagram B
- The object weighed displaces some of its weight in water
- Propolis
- By using energy saving stoves/ by using other energy resources other than wood fuel/ by planting more trees at home
- Both are used for storage of body fluids
- It may lead to near drowning or drowning
- Urea/ excess salt/ excess water
- They help in proper contraction and relaxation of muscles/ they help in the proper conduction of nerve impulses in the body/ they maintain proper balance of water and mineral salts in the body/ they help to maintain proper blood pressure
- Skeletal system
- Bulbs or tunicated bulbs
- This is the union of male and female gametes to form a zygote.
- Champions the immunisation programs for children and adults during an outbreak/ it designs preventive measures for some diseases/ sensitises people in the ways of managing disease outbreaks/ supplies free mosquito nets to the masses
- Tsetse flies
- Myriapods/ arthropods
- By coiling
- To allow free air circulation in an egg
- Stems/ root tubers
- Both are digestive juices/ both contain enzymes
- Kinetic energy
- They produce spores used for reproduction
- They absorb all other light colours and reflect only green.
- It helps the body to cool down/ it helps in removal of harmful metabolic wastes from the body/ it helps to regulate the amount of water in the body.
- By treating industrial wastes before disposing them in waterbodies/ by restricting crop growing around banks of waterbodies/ by arresting people who destroy wetlands
- Females are seduced to sex so easily/ they mature faster than men/ they can be raped/ females are more sexually attracted to men/ females get engaged in commercial sex more than men
- Under cool conditions/ dry conditions/ under some darkness
- For drying harvested crops/ for disinfecting beddings/ for preserving skins and hides/ provides warmth to people
- It stays long in the soil/ it does not kill bacteria in the soil/ it improves on soil structure
- Poliomyelitis
- Pulley system/ block and tackle pulley
- MA = 2
- MA = L      2 = L  
E                250N = 2 x 250 N = L  
L = 500N
- He or she uses it to measure the depth of water in a waterbody using echoes
- For proper planning / they enable the farmer to calculate the profits or losses in the farm/ they enable the farmer to access bank loans in the bank/ for proper taxation