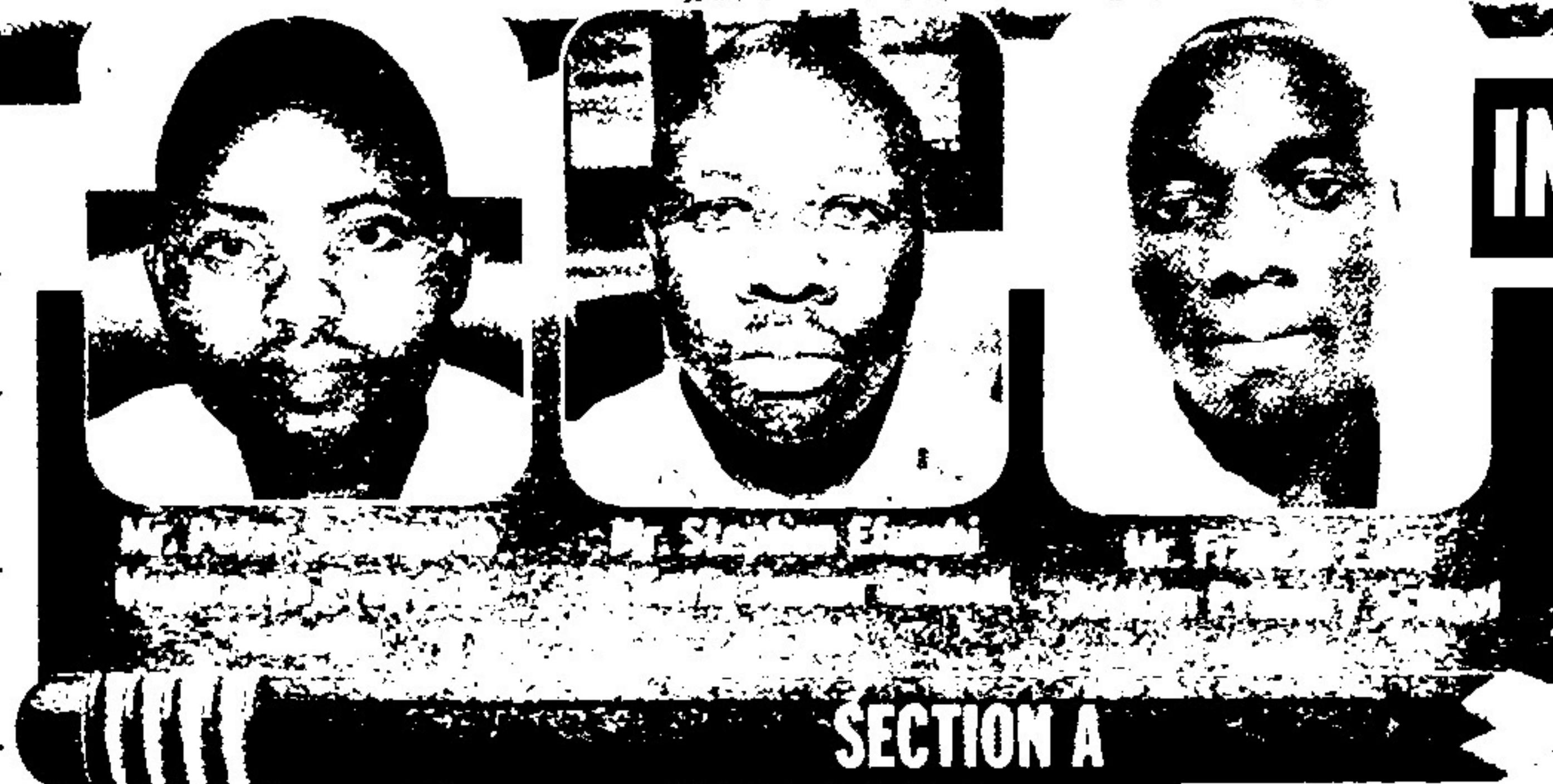


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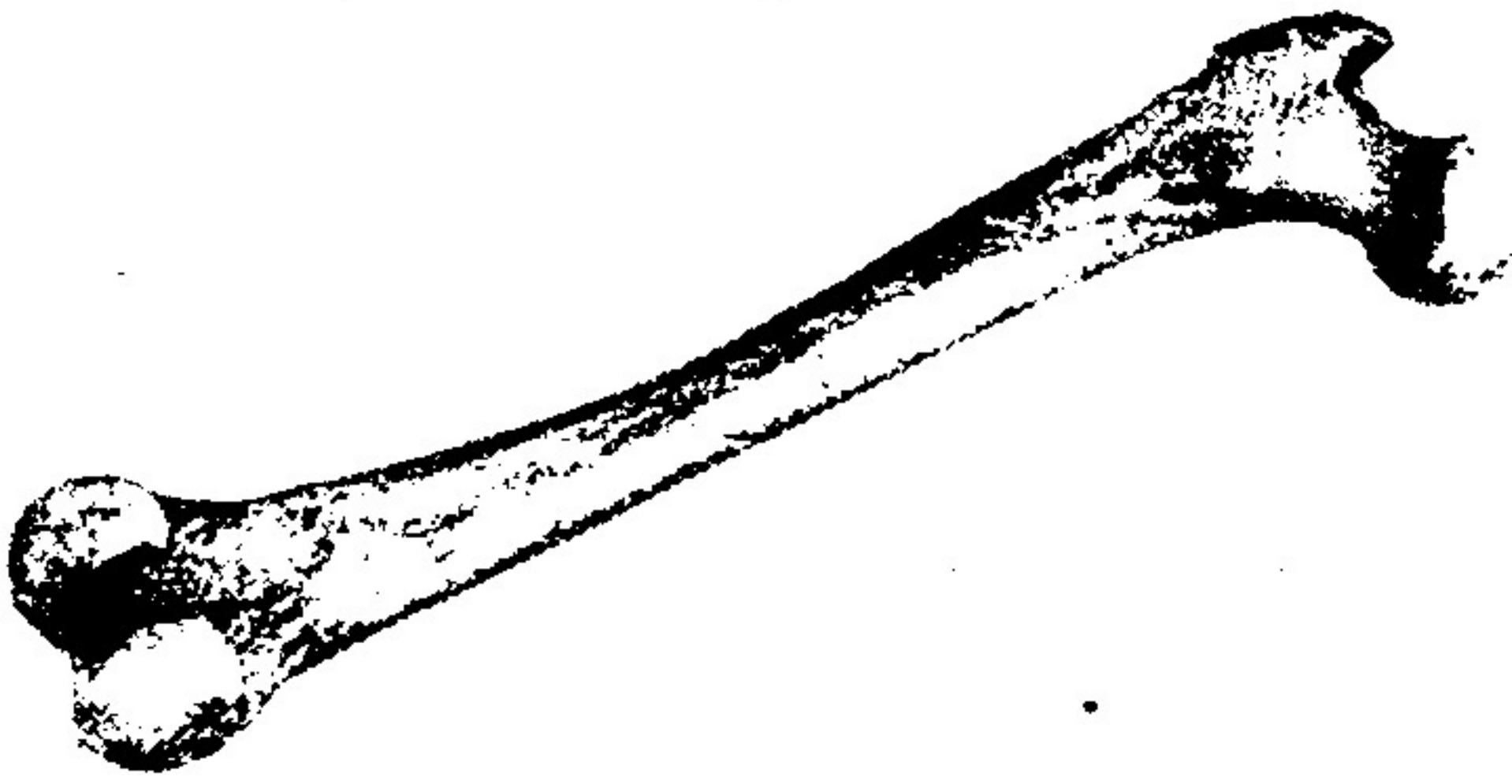
ISSUE 3

1. Name one liquid that is less dense than water.
2. Where does fertilisation take place in man?
3. Which class of food is first digested in the stomach?
4. Name the child hood killer immunisable that affects the lungs.
5. Mention one process that needs oxygen to take place.
6. Give a reason why arteries have thick walls.
7. Name the respiratory disease worsened due to smoking.
8. Convert 40°C to $^{\circ}\text{F}$.
9. Give the use of doors and windows on the house.
10. Why is distilled water not good for drinking?
11. Give one cause of dehydration among babies.
12. Which element of weather is measured using a barometer?
13. How is black jack adapted to its mode of seed dispersal?
14. In which way are the alveoli adapted to their function?



INTEGRATED SCIENCE

SECTION A

15. How are the gills important to tadpoles?
16. In which part of the body do we find the bone below?
17. State the danger of pouring paraffin in pit latrines.
18. Give one element of Primary Health Care.
19. State any one danger of molluscs to human life.
20. Give one insect that stings to protect itself.
21. Give one characteristic of wind pollinated flowers.
22. Mention the type of energy possessed by a static object.
23. How do porous materials prevent echoes in a recording studio?



24. State one activity done at school that prevents the spread of Malaria fever.
25. State the danger of this habit to the community.
26. Give one disorder of the respiratory system.
27. How is moisture important during germination of seeds?
28. How can a cattle farmer control the spread of tick borne diseases among cattle?
29. State one way HIV can be spread in humans
30. Which component of an electric circuit protects appliances from electrical damage?

SECTION B

31. The table below shows human body organs, the system to which they belong and organ function. Study and complete it correctly.

ORGAN	SYSTEM	ORGAN FUNCTION
Heart	Circulatory system	i) -----
ii) -----	Excretory system	Formation of urine
Epididymis	Reproductive system	iii) -----
Pancreas	iv) -----	Produces pancreatic juice

32.(a) Name the component air used for;
 (i) respiration
 (ii) photosynthesis

(b) State two dangers of wind to people

i) -----

ii) -----

33.(a) Which form of energy is stored in wood fuel?

(b) Name the form of energy produced when wood burns.

(c) State any two practices carried out at home to conserve wood fuel.
 (i) -----
 (ii) -----

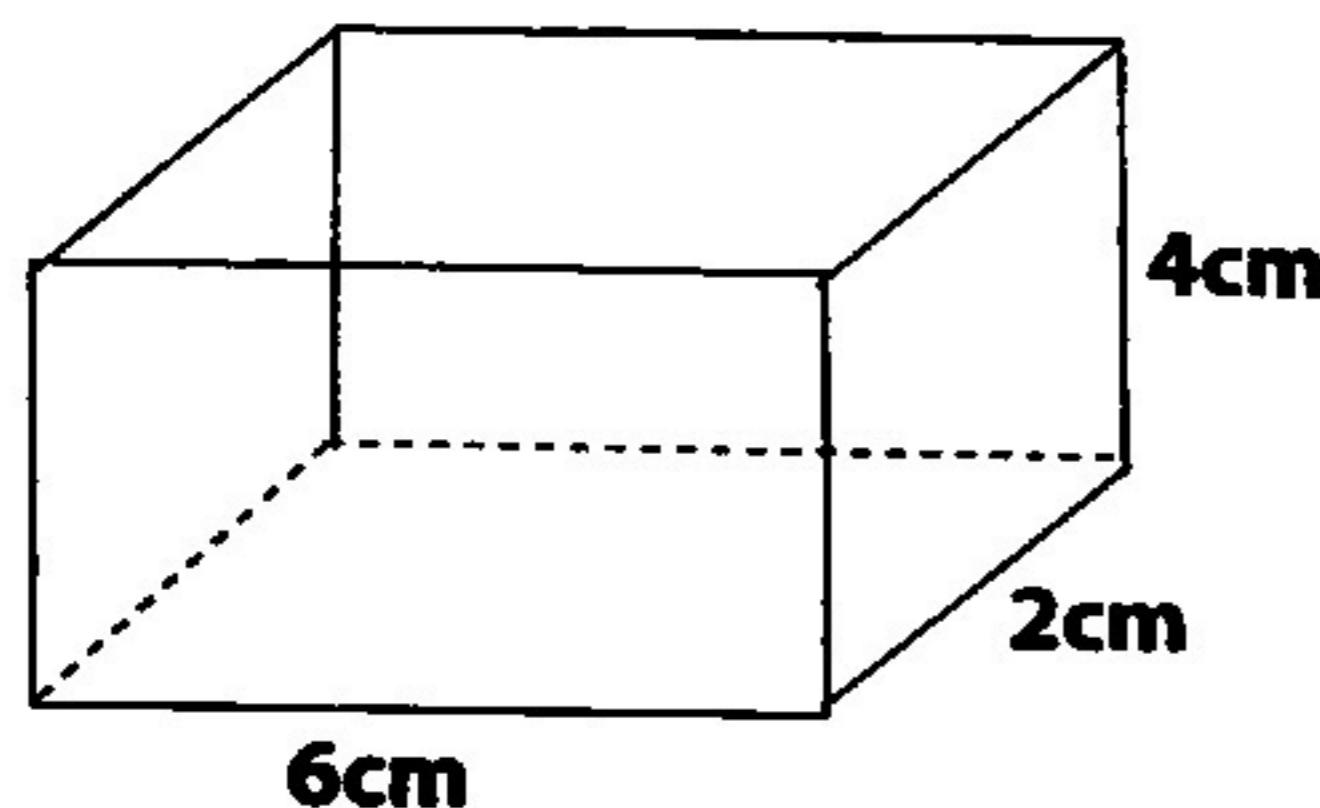
34.(a) What is immunity?

(b) Name one type of immunity.

(c) Give any one reason why immunisation is done for free in Uganda.

(d) Name the disease recently immunised against in Uganda among all school age going children.

35. Calculate the density of the object below whose mass is 240gm.



36.(a) Who are vulnerable people?

(b) Mention any two vulnerable groups of people.

i)

ii)

(c) Mention the best food for children below one year of age.

37. Match the following disease with their cause.

Disease	Cause
Yellow fever	- amoeba
Malaria	- trypanosomes
Sleeping sickness	- virus
Dysentery	- plasmodium

(a) Yellow fever -----

(b) Malaria -----

(c) Sleeping sickness -----

(d) Dysentery -----

38. a) Name the type of joint found at the following areas of the human body

i) Elbow: -----

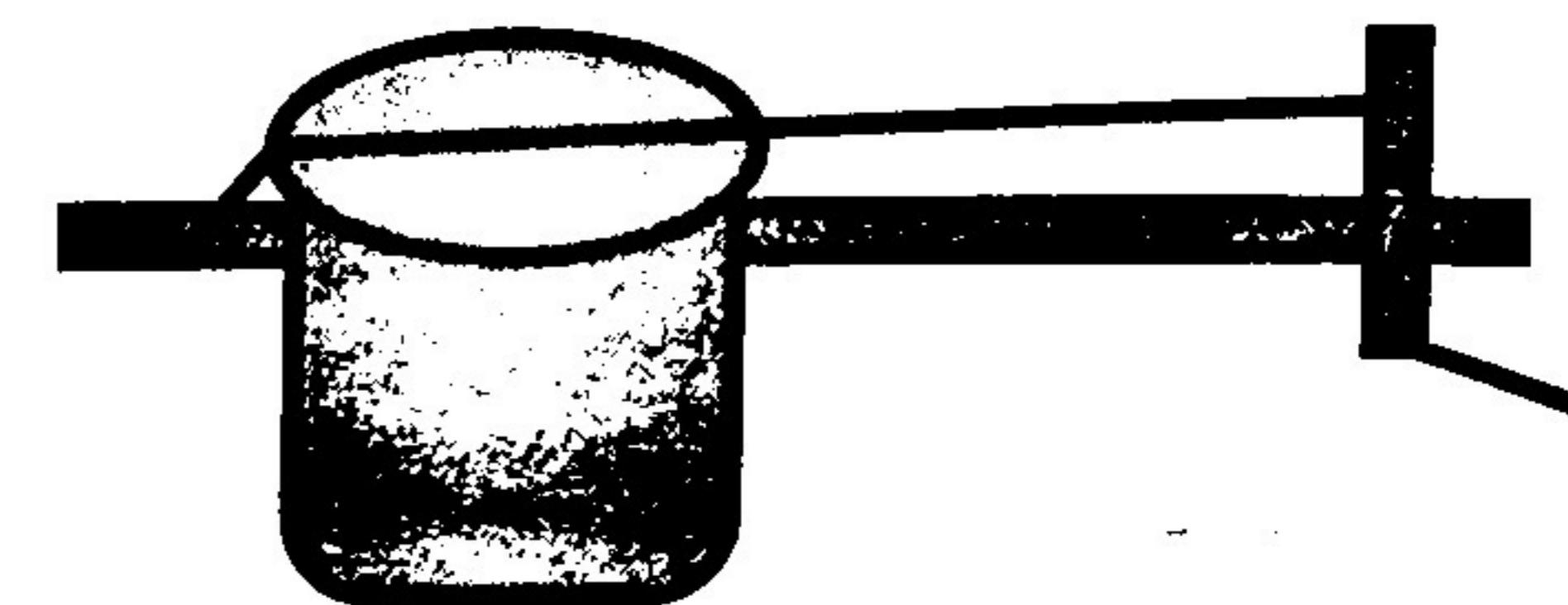
ii) Shoulder: -----

b) Give two ways of maintaining the proper working of joints

i) -----

ii) -----

Study the diagram below of the musical instrument and answer the questions about it.



39.(a) Name the instrument above.

(b) How does the instrument produce sound?

(c) To which group of instruments does it belong?

(d) Why is the peg useful to the above instrument?

40.a) To which group of vertebrates are the following

i) Crocodile: -----

ii) Frog: -----

b) How is the reproduction of a fish different from that of man?

c) Name the largest group of arthropods

MATHEMATICS ANSWERS TO ISSUE 3 HOLIDAY COMPANION (13TH MAY 2024)

$$1. 4 \times 5 + 5 \\ = 20 + 5 \\ = 25$$

$$2. 12y - 18y^2 \\ \frac{6y}{6y} \quad \frac{-6y}{6y(2-3y)}$$

$$3. 5 \text{ parts repr sh. } 6000 \\ 1 \text{ part will repr sh. } \frac{6000}{5}$$

$$4 \text{ parts will repr } \frac{1200}{4} \\ \text{sh. } 6000 \times 4 = \text{sh. } 4,800$$

$$4. \frac{1}{5} = 1:5$$

Let each angle be m

$$TR = m + 5m$$

$$6m = 180^\circ$$

$$\frac{1}{6} \cdot 180^\circ = 30^\circ$$

$$m = 30^\circ$$

$$5. \text{ No of } \Delta = n - 2$$

$$\text{No of sides} = 360^\circ$$

$$\frac{1}{72} = 5$$

$$\text{No of triangle} = n - 2 \\ = 5 - 2 \\ = 3 \text{ triangles}$$

$$6. 2n - 1 = 2 \times n - 1 \\ = (2 \times 12) - 1 \\ = 24 - 1 \\ = 23$$

There are 23 teachers

$$7. 5 - 3y < 17$$

$$5 - 5 - 3y < 17 - 5$$

$$-3y < 12$$

$$-3y > \frac{12}{-3}$$

$$-3 > -4$$

$$y > -4$$

8. $nC = 2^n$	B	No
$64 = 2^n$	2	64
$2^6 = 2^n$	2	32
$2^6 - 2 = 2^n - 2$	2	16
$6 = n$	2	4
$n = 6$	2	2
		1

There are 6 members

9. PF	No	No
2	24	18
3	12	9
4	4	3

$$GCF = 2 \times 3 = 6$$

$$10. A = L \times W \\ = 10\text{cm} \times 6\text{cm} \\ = 60\text{cm}^2$$

11. Monday is represented as 1

$$1 + 18 = \dots \pmod{7}$$

$$19 = \dots \pmod{7}$$

$$19 \div 7 = 2 \text{ rem } 5$$

$$1 + 18 = 5 \pmod{7}$$

5 represents Friday

NAM summit ended on Friday

12 Sketch:



$$13. 0.75 \times 0.4$$

$$= \frac{75}{100} \times \frac{4}{10} = \frac{300}{1000} = \frac{3}{10} = 0.3$$

$$14. 6645 \div 10 = 664.5$$

$$664.5 \div 10 = 66.45$$

$$66.45 \div 10 = 6.645$$

$$\text{Therefore } 6645 = 6.645 \times 10^3 \dots$$

$$15. 15 \text{ hours} \\ - 1200 \text{ hours}$$

$$4:35 \text{ pm}$$

section B

16. PF	No	No
2	50	40
2	25	20
2	25	10
5	25	5
5	5	1
	1	1

$$LCM = 2 \times 2 \times 2 \times 5 \times 5$$

$$= 200 \text{ minutes}$$

$$200^3$$

$$1 \frac{5}{6} = 3 \text{ hours and 20 minutes}$$

$$\text{Hr Min}$$

$$7 \quad 50\text{am} \quad 20 + 50 = 70\text{min}$$

$$+ 3 \quad 20 \quad 70 \div 60 = 1 \text{ rem } 10$$

$$11 \quad 10 \text{ am}$$

They will ring together again at

11:10am

17. Cost price

$$40\text{kg} \times \text{sh. } 3000$$

$$= \text{sh. } 120,000$$

selling price

$$1 \text{ kg} = 1000\text{g}$$

$$40\text{kg} = 40 \times 1000\text{g}$$

$$800 = 40000\text{g}$$

$$40000\text{g}$$

$$1 \text{ kg} = 800 \text{ packets}$$

$$1 \text{ pkt costs sh. } 200$$

$$800 \text{ pkt will cost sh. } 800 \times 200$$

$$= \text{sh. } 160,000$$

$$\text{profit} = \text{sh. } 160,000$$

$$- \text{sh. } 120,000$$

$$= \text{sh. } 40,000$$

$$\% \text{ profit} = \text{sh. } 4000 \times 100$$

$$= \text{sh. } 120,000$$

$$= 100\%$$

$$= 10 \% = 3\frac{1}{3}\%$$

$$18. \text{ Length} = 16\text{m} - (2\text{m} + 2\text{m})$$

$$= 16\text{m} - 4\text{m}$$

$$= 12\text{m}$$

$$\text{Width} = 12\text{m} - (2\text{m} + 2\text{m})$$

$$= 12\text{m} - 4\text{m}$$

$$= 8\text{m}$$

Area of the carpet

$$A = L \times W$$

$$= 12\text{m} \times 8\text{m}$$

$$= 96\text{m}^2$$

Area of the room

$$A = L \times W$$

In questions 1-7, use the correct form of the word in brackets.

1. The letter he wrote to me had a very good _____ (introduce)
2. Have you really ended your letter with a good _____? (conclude)
3. Mourners are supposed to give _____ either financially or morally. (condole)
4. Uganda has been advised to do everything _____ (democracy)
5. My father has gone to Bank of Africa to _____ some money. (withdrawal)
6. Every piece of paper _____ on should be burnt immediately. (to write)
7. The doctor advised us to maintain a high level of (Clean)

Arrange the following words in alphabetical order.

8. vacancy, vacation, vacant, vaccination

9. pleasure, pleasant, pleased, unpleasant

Re-write the sentences giving the plural form of the underlined words.

10. Your bank has been closed for ten days.

11. The teacher's desk has been labelled.

12. My niece graduated last year.

In questions 13-16, give the opposite of the underlined words.

13. Obedience is a sign of good behaviour.

14. Our holiday will commerce next week.

15. Mr. Kadogo has been arrested by the Indian police for selling drugs.

16. Sir, may I look at your identity card?



ENGLISH

SECTION A

In questions 17-23, fill in a correct word or group of words to complete each sentence correctly.

17. When you want to get a job, you should write an _____ letter.
18. The Reverend has preached _____ the congregation very well.
19. _____ is the first activity before primary seven candidates write their PLE.
20. The groom and _____ smiled all the way to their reception.
21. His birthday party was _____ exciting that everybody enjoyed it.
22. You must listen to the teacher's instruction _____ you risk being sent out of the classroom.
23. How _____ does each examination paper in the Primary Leaving Examination last?

Write the full form of the following abbreviations

24. Prof. _____
26. cc _____
25. email _____
27. Rev. _____

In questions 28-30, construct meaningful sentences using the words below to show that you know their meanings

28. sow _____
29. sew _____
30. saw _____

In questions 31-50, write as instructed in brackets.

31. The youths are celebrating the death of the corrupt officer. He has been stealing their money for scholarship. (Join as one sentence using because.....)
32. Her intention is to become an engineer. (Re-write the sentences beginning: She.....)
33. Neither the ladies nor the gentlemen accepted to take part in the demonstration. (Write two separate sentences)
34. This is the man. I gave him one hundred thousand shillings. (Re-write using..... to whom.....)
35. Everybody likes that carpenter because he is honest. (Re-write the sentence using because of.....)
36. Although the candidates were not taught properly, they passed the examination very well. (Re-write beginning: Despite.....)
37. All the soil will erode if we don't build terraces. (Re-write the sentence using... would ...)
38. Had I seen the thief I would have chased him. (Begin: If I see.....)
39. "Mother, when will our breakfast be ready?" Asked the little boy. (Re-write and begin: The little boy wanted.....)
40. We passed our examinations very well because we had revised all our notes. (Re-write beginning: Having

SECTION B

QUESTIONS

41. Study card below and answer in full sentences questions that follow.

To Benson Kayanja
You are invited to join us for an evening to celebrate the independence season and election win. This will take place at Wembly Gardens starting at 2:00p.m... 4:00p.m
May God bless you and guide you throughout the New Year.
From Kenrock Odrey

1. To whom is the card addressed?

2. What is the card about?

3. Which season is being talked about in the card?

4. Where will the celebrations take place

5. When will the celebrations begin?

6. How long will the celebration last?

7. Who wrote the card?

8. Who is Kenrock Odrey in the card?

9. Give another word or group of words to mean the following
a) invited: _____

b) guide: _____

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

Animals are good friends of people because we get a lot of good things out of them such as skins, milk from cows and goats, wool from sheep and many others. However, some animals have proved to be very destructive especially to farmers with vegetable gardens.

Animals such as rabbits, deer, and moles can quickly destroy large amounts of your garden's vegetables. Farmers have sat down and found out some ways of keeping these destructive animals out their vegetable gardens. Below are some of the steps: building raised beds for your vegetable garden. Raised beds deter animals from entering your vegetable garden. Small animals like rabbits are very reluctant to leave the ground level to enter a raised bed and this is because they don't want to be seen. The second step is making the pathways between your beds as narrow as possible. Small animals like rabbits are likely to enter your garden for fear of exposure to predators.

The third step is inter-planting different vegetables with each other. This is an effective technique for resisting disease and keeping soil healthy. But it can also be used to deter animals. Plants like garlic, onion, marigolds, and chives can be used to stop rabbits, the deer and some other animals. Other steps include fencing your vegetable garden beds, adding plenty of mulch round your vegetables, planting very attractive foods away from vegetable garden which may attract animals interested in your vegetables.

QUESTIONS

1. What is the passage about?

2. Why are animals good friends of people?

3. What do people get from sheep?

4. Which animals have proved to be very destructive to farmers?

5. How are these animals destructive to the farmers?

6. How many steps have the farmers taken to keep the animals out of their gardens?

7. Which animals are being talked about in the passage?

8. According to the passage, what does the second step require the farmer to do?

9. Which step encourages the inter-planting of crops?

10. Give another word to mean predators.

43. Rearrange the sentences below to form a meaningful composition.

1. Which are very educative and entertaining?
2. And during these trips, you are exposed to a number of things.
3. I joined it because of the various trips organized every term.
4. After being admitted to this school, I joined the wildlife club.
5. Fortunately, they also accepted and took me.
6. So one day, I decided to request my parents to take me Memorial Junior School which had the clubs.
7. But I was very much interested in clubs.
8. However, when I finished primary five, I started comparing my school to other schools in terms of games and clubs.
9. I stayed in this school from primary one to primary five.
10. My first school in life was Melanie Junior School.

1	2	3	4	5	6	7	8	9	10

44. Imagine you got your first term holiday without a report card. This was because you had fees balance. Write a letter to your aunt and request her to clear for you this balance before studies for second term commence. Also request her to buy for you scholastic materials for second term and also request her to talk to your teacher of mathematics to help you since you are performing badly. Use your address.

SST ANSWERS TO ISSUE 3 HOLIDAY COMPANION (13TH MAY 2024)

1. Indian Ocean
2. Ethiopia is mountainous.
3. They cause dry conditions where they flow.
4. They maintain order, they guide fellow learners to behave well, they report indiscipline cases to the teachers.
5. The oceans lie at a lower altitude than their sources.
6. Solstice
7. A national constitution/ The rules of procedure
8. Culture promotes unity and morals.
9. In order to have their interests addressed by the colonial government.
10. It leads to the destruction of vegetation in order to create land for settlement and farming.
11. It helps in advertising goods/ businesses/ companies.
12. He restored Omukama Kasagama to his throne.
13. By reporting strangers/following school rules
14. - He wrote a Kiswahili dictionary.
- He translated the New Testament into Kiswahili
15. They will have a permanent source of water.
16. - Setting up orphanages to cater for orphans.
- Set up remand homes for indiscipline cases.
- Sensitising people about children's rights.

17. Chief Mirambo collected taxes from the trade routes within their chiefdom/ He got guns
18. There is salty water/ high temperatures.
19. He built feeder roads/ he built administration offices in Eastern Uganda.
20. Bwindi Impenetrable and Mgahinga gamepark.
21. Kabaka Mutesesa II was to be returned from exile.
22. Uganda experiences better climate than Kenya.
23. The areas receive reliable rainfall and have fertile soil to support crop cultivation
24. They block water transport and suffocate fish.
25. Customs duty.
26. Either: Egypt Or: Egypt / Misir
27. Either: He saved him and his family from the flood.
Or: He saved him and his family from the flood.
28. Either: Genesis, Exodus, Leviticus, Numbers and Deuteronomy. Or: Taaret
29. Either: John the Baptist
Or: Mohammed
30. Either: Prayer enables them to keep strong in faith, overcome problems, get guided, ask for what they need and thank Him for what He provides to them.
Or: Salat enables them to fulfill the second pillar/ keep strong in faith, overcome problems, get guided/ask for what they
- need and thank Him for what He provides to them.
31. a) People build houses with slanting roofs
b) There are many forests and rivers.
c) Lumbering, farming, tourism, fishing and mining.
32. a) Church Missionary Society
b) Kabaka Mutesesa I
c) They spread Christianity/ they taught people how to read and write/ they built hospitals/they built schools/ they stopped slave trade
d) The first mission station was established at Rabai Mpya
33. a) UBOS
b) - to know the number of people in a Country/ to plan for people in the country/ to know the birth rate/ to know the death rate/ to know the population structure
c) Census night
34. a) They were both formed by down warping.
b) They have fresh water, shallow, have inlets and outlets.
c) Rain and rivers.
35. a) Pubungu
b) The Bantu influenced the Nilotics to start mixed farming

- c) Alur, Acholi and Jopadhola/Jonam
37. a) Early marriages/ high fertility rate in women/ improved health services.
- High birth rates and low death rate/ polygamy/ ignorance about family planning
- b) Accidents/ volcanic eruptions/ landslides/ floods/ diseases/wars/ lightning.
38. A
a) Chairperson LC 1 - chairs LC1 executive committee meetings.
b) Vice chairperson - Takes care of children's affairs.
c) General secretary - Takes minutes during LC 1 meetings.
d) Secretary for youth - Mobilises the youth to participate in development projects.
39. Either: a) Good news about Jesus Christ
b) St. Matthew, St. Mark, St. Luke and St. John c) The Holy Spirit
Or: a) Qur'an
b) To force him learn how to read the Qur'an
c) Prophet Musa/ Dauda/ Issa
40. Either: a) Simon Peter
b) To help him preach the word of God.
c) They helped him to preach the word of God/ they gave him company
Or: a) Khadijah
b) She funded Prophet Mohammed's journeys while spreading Islam
c) They spread Islam/ they converted people into Islam