

Your Holiday companion BUKEDDE PASS PLE

P7

ISSUE 4



INTEGRATED SCIENCE

1. Which mineral salt helps in the formation of blood in the bone marrow?
2. Mention one form of energy change that occurs in an electric fan.
3. Why is the style of a flower supposed to be erect?
4. Name the element of weather measured by the use of an anemometer.



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SECTION A

5. How do hookworms affect the human body?
6. Why are green vegetables always hung in a poultry house in deep litter system?

The diagram below shows drums of different sizes.



W



V

7. How do the above instruments produce sound?
8. Mention one reason why drum W produces the lowest pitch of sound.
9. Why is yeast regarded as a fungi?
10. Why does a drone bee die after mating with the queen bee?
11. How is sunlight important during the process of photosynthesis?
12. Why is heat transfer by radiation possible in a vacuum?

13. Give one effect of alcoholism to an expectant mother.
14. How is a clinical thermometer sterilised before use?
15. Why does gonorrhoea cause ectopic pregnancy in females?
16. Name one disease that affects rabbits due to poor sanitation in the hutch.
17. Which component of a clean home is more need to promote food hygiene at home?
18. If a radio uses 4.5volts, how many dry cells does Dingo have to buy to make his radio work?

19. Which part of the human body converts excess sugars into storable components to prevent diabetes.
20. State one effect of heat on a piece of iron rod.
21. Why do plants in desert areas have small leaves?
22. How do cactus plants reduce transpiration as they grow in desert areas?

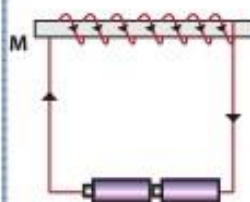
23. Why laying boxes in a poultry are usually positioned in dark places?

24. How does boiling of milk help to preserve it for long?

25. Name any one energy resource required for production of thermal energy.

26. Give one reason why some farmers plant seeds in a nursery bed first.

Study the diagram below carefully and use it to answer questions 27 and 28.



27. Name the pole formed at part M

28. What do the arrows show on the solenoid above?

29. Why is phosphorus regarded as an important mineral in the human body?

30. State any one way of caring for vulnerable groups of people.

SECTION B

41. a) State any two factors that affect the rate of evaporation in liquids.
i) _____
ii) _____
b) Why is silver not commonly used in making saucepans and yet it is the best conductor of heat?
- c) Mention any one application of conductors apart from being used for cooking.

42. a) Name the type of fibre got from silk worms.
b) Apart from the silk, name any other example of a fibre got from living things
c) State two ways synthetic fibre is useful to people in your community.
i) _____
ii) _____

43. a) Apart from hygienic reasons, state any one reason why docking is done in sheep keeping.
b) How is sheep keeping beneficial to an industrialised area?
c) Mention any two ways of prevent diseases in the sheep kept on a large farm.
i) _____
ii) _____

44. a) The diagram below shows a process that takes place in plants. Use it to answer questions that follow.



a) Name the structures from which vapour marked A comes out from.

b) How is the above process useful to:

i) Environment:

ii) Plants:

c) How is the above process dangerous to plants?

45. a) How are the following structures useful organisms with them

i) Nitrifying membrane:

ii) Blubber:

b) Which group of animals have blubber for their survival in their habitat?

c) Name any one animal whose body temperature is maintained by blubber in water.

46. a) Why does malaria cause anaemia in a patient?

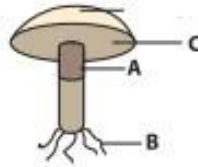
b) State any two symptoms of malaria in babies.

i) _____

ii) _____

c) How can a mother protect a newly born baby from malaria at home?

47. The diagram below shows a fungus. Use it to answer questions that follow.



a) Name the part labelled with letter A

b) How is part labelled with letter B useful to the above fungi?

c) State any one other example of a fungus apart from the above fungus.

d) Mention any one danger of fungi to people.

48. a) State any two functions of blood in the human body.

i) _____

ii) _____

b) How do the white blood cells help to defend the body

against diseases?

c) Mention the diseases of blood caused due to lack of vitamin K.

49. a) State any two examples of aero phones

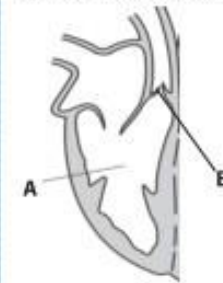
i) _____

ii) _____

b) How do aero phones produce sound during a music festival?

c) Mention any one-way sound from an aero phone can be stored for future use.

50. The diagram below shows part of the human body organ. Use it to answer questions that follow.



a) Name the parts marked with letters A and B

A _____

B _____

b) Name the body system where the above diagram was extracted from.

c) How is part marked B useful in the above part of the body?

d) Name any one disease that affects the system of the body shown by the diagram above

MATHEMATICS ANSWERS TO ISSUE 4 HOLIDAY COMPANION (20TH MAY 2024)

1. 4 5

$$\begin{array}{r} 13 \\ + 58 \\ \hline 71 \end{array}$$

2. Nine hundred thousand ... 900000
ten ... +10
900,010

3. $Q = \{1, 3, 6, 10\}$

$n(Q) = 4$

$$\frac{3}{4} - \frac{2}{5} = \frac{(5 \times 3) - (4 \times 2)}{20} = \frac{15 - 8}{20} = \frac{7}{20}$$

$$\frac{42}{2} - \frac{21 \times 2}{2} = 42$$

$$\frac{21}{7} = 3$$

$$\frac{3y}{2} + 5 = 17$$

$$\frac{3y}{2} + 5 = 17 - 5$$

$$\frac{3y}{2} + 0 = 12$$

$$3 \times 3y = 12 \times 2$$

$$\frac{3y}{3} = \frac{24}{3} \quad y = 8$$

$$7. 101 = 1 \times 2^2 + 0 \times 2 + 1 \times 1$$

$$= 1 \times 2^2 + 0 \times 1 + 1 \times 1$$

$$= 4 + 0 + 1$$

$$= 5_{10}$$

$$\frac{8}{5} \text{ No 1 Rem}$$

$$\frac{101}{5} = 20 \text{ R } 1$$

$$\frac{101}{5} = 20 \text{ R } 1$$

$$\frac{45 \times 1000g}{100} = 45 \times 100g = 4,500g$$

$$\frac{0.4 \times 10^3}{100} = 0.4 \times 10^3 = 400$$

$$\frac{1.8 \times 10^3}{100} = 1.8 \times 10^3 = 1,800$$

$$\frac{2.2 \times 10^3}{100} = 2.2 \times 10^3 = 2,200$$

$$43 \text{ hundreds} = 43 \times 100 = 4,300$$

$$\frac{4,400}{100} = 44$$

$$\frac{11}{4} - \frac{5}{6} + \frac{1}{2} = \frac{1}{2} + \frac{3}{4} - \frac{5}{6}$$

$$\frac{3}{4} - \frac{5}{6} + \frac{1}{2} = \frac{1}{2} + \frac{3}{4} - \frac{5}{6}$$

$$\frac{3}{4} - \frac{5}{6} + \frac{1}{2} = \frac{1}{2} + \frac{3}{4} - \frac{5}{6}$$

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$$\frac{3}{4} - \frac{5}{6} + \frac{1}{2} = \frac{1}{2} + \frac{3}{4} - \frac{5}{6}$$

14. 3850 Ug sh. buy 1 USD

sh. 462,000 will buy

$$\frac{462,000}{3,850} = 120 \text{ USD}$$

15. Mark Tally Freq

| Mark | Tally | Freq |
|------|-------|------|
| 97 | / | 1 |
| 87 | // | 2 |
| 66 | / | 1 |

87 was his medal mark

16. Fish: sh. 15,000 $\times 3 =$ sh. 45,000

Milk: $2\frac{1}{2} \times \frac{1}{2} = \frac{5}{2} \times \frac{1}{2} = \frac{5}{4}$

5 half litres

1 half litre costs sh. 1,600

5 half litres will cost sh. 1,600 $\times 5 =$ sh. 8,000

1 doz = 12 eggs

4 doz will cost sh. 4800 $\times 4 =$ sh. 19,200

Total exp = sh. 45,000 + sh. 8,000 + sh. 19,200 = sh. 72,200

b) If she has a discount of 5% she will pay

$$100\% - 5\% = 95\%$$

$$95 \times \text{sh. } 72,200 = \text{sh. } 68,590$$

17. Sketch

a) a parallelogram

b) Angle BCD = 135°

| Thousands | Units |
|-----------|-------|
| 74 | 305 |

Seventy four thousand, three hundred five

| TTH | TH | H | T | O |
|-----|----|---|---|---|
| 7 | 4 | 3 | 0 | 5 |

The place value of 7 is ten thousands

| TTH | TH | H | T | O |
|-----|----|---|---|---|
| 7 | 4 | 3 | 0 | 5 |

$$V = PV \times D$$

$$= 1 \times 5 = 5$$

$$1000 \times 4 = 4000$$

$$4000 - 5 = 800$$

$$19. a) (17 \text{ guests} - 1) = 18 \text{ people}$$

$$195 - 18 = 10 \text{ rem } 15$$

Each person got 10 sodas

b) 15 sodas were left for the parents

$$20. n(\Sigma) = 40$$

$$n(M) = 30$$

$$n(F) = y + 1$$

21. a) PF Na No

| | | |
|---|----|----|
| 2 | 30 | 40 |
| 2 | 15 | 20 |
| 2 | 15 | 10 |
| 3 | 15 | 5 |
| 5 | 5 | 5 |
| 1 | 1 | 1 |

$$LCM = 2 \times 2 \times 2 \times 3 \times 5 = 120 \text{ minutes}$$

After 120 min

$$b) 60 \text{ min} = 1 \text{ hour}$$

$$1 \text{ min} = \frac{1}{60} \text{ hrs}$$

$$120 \text{ min} = 1 \times 120 = 2 \text{ hours}$$

$$10 - 15 = 8:15 \text{ am}$$

$$22. L12 = 3 \times 6 = 18 \text{ years}$$

$$\text{Aba} = m$$

$$= 6 \text{ years}$$

$$\text{Kale} = m + 5 \text{ yr}$$

$$= 6 + 5 = 11 \text{ years}$$

$$23. \text{Vol of tank B}$$

$$V = 22 \times 14 \text{ cm} \times 14 \text{ cm} \times 80 \text{ cm}$$

$$= 22 \times 2 \text{ cm} \times 14 \text{ cm} \times 80 \text{ cm}$$

$$= 49,280 \text{ cm}^3$$

$$\text{Vol of tank A}$$

$$V = 22 \times 7 \text{ cm} \times 7 \text{ cm} \times 40 \text{ cm}$$

$$= 22 \times 1 \text{ cm} \times 7 \text{ cm} \times 40 \text{ cm}$$

$$= 6160 \text{ cm}^3$$

$$\text{No} = \frac{V_B}{V_A} = \frac{49,280 \text{ cm}^3}{6160 \text{ cm}^3} = 8$$

$$\text{There are 8 containers of size A in container B}$$

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

1. We travelled to Kalangala _____ ferry last year.
2. You need to _____ airtime on your phone before making a call.
3. There is _____ any water in the tank.
4. Joan is _____ fluent in the English language than Aisha.
5. Was the _____ in its nest?

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

6. Only one _____ had the required qualification for the job. (apply)
 7. Some interesting news was _____ yesterday evening. (broadcast)
 8. Of the twins, Babirye is the _____ (shy)
 9. Mr. Kamara is very _____ towards his children. (affection)
 10. My father prefers _____ vehicles to any other type. (Germany)
 11. By the time I washed the clothes, my uncle had _____ my mother. (ring)
 12. Many wonderful baskets were _____ yesterday. (weave)
 13. The vendor was _____ the newspapers in a bundle. (tie)
 14. Whenever she is at home, she _____ the sitting room. (tidy)
 15. By the end of November this year we _____ our primary leaving examinations. (do)
- In questions 16 and 17, use each of the given words in a sentence to show that you know the difference in their meaning.
16. date _____
 17. debt _____

In questions 18 and 20, re-write the sentence giving one word for the underlined group of words.

18. His handwriting is not clear enough to read.
19. A cyclist should wear a hard hat protecting the head at all times.
20. The speakers who were in favour of the motion were very bright.



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St. Theresa Namilyango
Girls



Mr. Robert Kavuma
Gayaza Junior School



Monica Nakabugo
Uganda Martyrs
Primary School Katwe

ENGLISH

SECTION A

In each of the questions 21 to 22, write the plural form of the given words

21. lady's dress _____
22. barracks _____

In questions 23 and 24, re-write the sentences giving the opposite form of the underlined word.

23. The teacher thought that the new boy was responsible.
24. My mother says that she is going to spend all the money.

In questions 25 and 26, arrange the given words in alphabetical order.

25. tether, feather, leather, leisure
26. cry, creative, crack, cruel

In questions 27 and 28, write the short forms of the following

27. Monday _____
28. Professor _____

In questions 29 and 30, re-arrange the given words to form a correct sentence.

29. shall March sit we for examination our final in.
30. willing you anyone to of ine help is?

Sub-section II

In each of the questions 31 to 50. Rewrite the sentence as instructed in the bracket%

31. Okello didn't spill Sarah's milk. Babirye didn't spill Sarah's milk.
(Re-write as one sentence ending: _____ herself)
32. He knocked a tree while he was driving recklessly.
(Re-write using _____ due to his...)
33. Susan worked very hard. Susan was not rewarded.
(Re-write beginning: However)
34. The car was so expensive that no one could afford to buy it.
(Re-write the sentence using: _____ too _____ to.....)
35. He brought pupils. They were young. They were brown. They were clever. (Re-write as one sentence without using: who, and, which, that, but or from)
36. Mukasa writes well. Musoke also writes well. (Re-write using: _____ as well as.....)
37. This is the headmaster that you should address your letter to. (Re-write the sentence using _____ to whom.....)
38. We shall take a long time to complete the exercise.
(Use: _____ long.....)
39. It was not necessary for the voters to close the road.
(Re-write the sentences using: needn't have)
40. Mrs. Mutumba has chosen a nice dress. (Re-write the sentence and end!)

SECTION B

41. Read the passage below carefully and answer, in full sentences, the question that follow.

The Minister of Health has built health centres in our communities. They are basically put in place to provide health services. They have doctors and nurses to handle patients.

In all health centers, people are advised and encouraged to eat food that does not have harmful substances. They provide drugs to patients and pregnant women. HIV/AIDS patients are given free treatment by the government through health workers.

To be free from some disease, people should avoid disease-spreading vectors like rats, mosquitoes, fleas, houseflies and others. These disease vectors spread plague, malaria, cholera, typhoid and dysentery.

In order to control the disease, many measures should be taken into consideration, such measures include slashing the bushes around homesteads, using clean water, boiling water for drinking, bathing daily, spraying with insecticides and removing stagnant water around homesteads.

a) Who has built health centres in our communities?

b) To whom do they provide the health services?

c) What do doctors and nurses provide?

d) What type of food shouldn't people eat?

e) How can we control malaria in our communities?

QUESTIONS

t) Where can a pregnant mother get help?

g) Mention one way in which people can avoid disease.

h) Give another word or group of words with the same meaning as these used in the passage:

i. provide _____

ii. patients _____

i) Suggest a suitable title for the above passage.

42. The sentences below are not in the right order. Re-arrange them to make a story about preparations for examinations.

- You should ask each other questions.
- You should also study hard with a friend.
- Finally, it is easier to remember things.
- Then you must make a timetable for yourself.
- After which you can discuss any problem you can come across.
- Especially that one who performs better than you in a particular subject.
- First you should decide which subject you have to revise each day.
- When you think about them rather than reading them.
- It is important to revise for your examination.
- In order to get good marks in all subjects, you have to follow that timetable.

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|---|---|---|---|---|---|---|---|---|---|
| a | b | c | d | e | f | g | h | i | j |
| | | | | | | | | | |

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

You are proud, child
Very proud indeed
Because you think you're superior
Superior than the other children

True, you're from a different region
Speaking a different language
But what brought you and your friends together,
Is getting education.

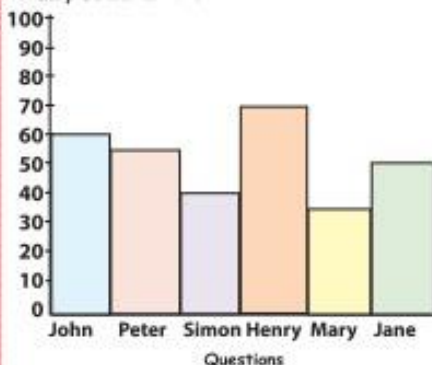
You were brought up in different home and cultures
Some poor, some rich
But all you need is co-operation

Laugh not at your classmates
For each of your cultures
Is very unique
And important indeed!

Questions

- What kind of child is the writer talking to?
- What does being superior make the child?
- Where did the children grow up?
- How can the child be bad to the classmate?
- What did the writer and his friends come together for?
- According to the poem, what is unique and important?
- Who wrote the poem?
- Give another word or group of words with the same meaning as each of the underlined words in the poem. (i) Superior
(ii) co-operation

44. The graph below shows P.7 candidates with their results in English, they wrote their PLE at Kajja Primary School in 2023



- What does the graph show?
- When did the candidates sit their examinations?
- Which examination did they sit for?
- Who scored the highest mark?
- What was the average mark for John and Jane?
- Why do you think Mary got the least mark?
- In which school were these candidate?
- How many candidates are represented in the graph?
- Write PEE in full
- How many female candidates sat the exam?

SST ANSWERS TO ISSUE 4 HOLIDAY COMPANION (20TH MAY 2024)

- Rainy weather
- It was cheap in terms of paying local leaders.
-To control rebellions against colonial rule
-It was one way of solving language problem
- They help to advertise items of trade.
-They make communication between traders and their customers easy.
- Trees in natural forests take long to mature.
- Sir Samuel Baker
- Import goods delay in transit
High transport costs
high taxes paid on her imports
- Directorate of Traffic and Road Safety
- It is highly infested with tsetse flies which spread sleeping sickness/ it is dry
- It has constructed winding roads in Kisumu district
- Swamp drainage/ deforestation/ bush burning/ pollution
- By registering to be a citizen/ by naturalisation/ by adoption.
- Poor network coverage/ exposure to pornography/ It is costly to buy airtime./ It is not favoured by places without electricity.
- Game parks attract tourists who bring income to the country /Game parks create employment opportunities to people
- Through appointment

- They have long roots to tap underground water /They have thin leaves to reduce the rate of transpiration / They have thorns on their leaves to prevent browsing animals from eating leaves
- Transhumance is the seasonal movement of herdsmen with their animals from one place to another looking for pasture and water.
- Port Kigoma 18 A delta.
- Belgian Congo
- It earns foreign exchange without exporting physical goods
- To strengthen British rule in Buganda
- IGAD
- They earn income to the government through attracting tourists./ They are used for study purpose/ they provide jobs to people.
- altimeter 25. He was still in exile
- Either: It is a special means through which Christians communicate to God
Or: Salat is a special way of communicating to Allah.
- Either: It helps Christians to wash away the original sin /It helps Christians to enter God's family Or: Hijja
- Either: Books of law/Pentateuch/Torah Or: Holy Qur'an/Koran
- Either: Asking for forgiveness/ using mediators/ sharing a meal/

- Or: By asking for forgiveness/ using mediators/ sharing a meal/ shaking hands
- Both By naming children after their names./ By swearing in their names. / By appeasing the dead/ digging around their graves
 - a) Tropical climate b) 24c
c) It has dry marked months /It is dry and wet
d) Livestock farming / crop growing
 - a) Somalia
b) It lacked funds to run its activities
Misunderstandings among the heads of states/ Differences in political ideologies among member countries
c) It has created a wider market for goods
It has allowed free movement of people across member states.
 - a) Ministry of Justice and Constitutional Affairs
b) Death of the past holder
Resignation of the past holder
Mental illness of the past holder
c) It leads to loss of government funds when organizing them
 - a) Fishing is the catching of fish from a water body
b) It leads to deforestation. /Trees are cut down to get firewood for smoking fish/ causes pollution to the environment
c) Poor methods of fishing /Limited funds/

- Poor storage and preservation methods / Water weeds d) Smoking
- a) He used tools made out of stones
b) Using traps /Spearfishing them
c) By setting fire. /Taming a dog
 - a) Weather station/Meteorological centre
b) Rainfall/Wind/Humidity/Air Pressure
c) It helps people to plan for their activities
 - a) Tabora
b) By raiding villages /By buying war captives / By capturing lonely people
c) It led to suffering and misery /It led to death of people /It led to decline in agriculture/ famine outbreak
 - a) Fishing/Mining/Crop growing
b) Poor transport net work
Lack of electricity
c) Extending Solar energy/ constructing better roads
 - a) Either: a) To obey our parents / Helping parents /To live a prayerful life
b) He healed the sick /He fed the hungry/ He healed the lame/He raised the dead
Or-a) To obey our parents /To obey Allah / Helping parents b) He fed the hungry. He stopped wars against Muslims
 - Either: a) The earth shook/ The curtains in the Temple got torn from top to bottom /The rocks split