

1. Name one example of a fruit crop.
2. Why should a living house have proper ventilation?
3. State the importance of a bubbler to a sea mammal.
4. Give one skeletal disease which can be prevented by drinking boiled milk.
5. How are chicken droppings useful to a tomato grower?
6. What does the term nuptial flight mean in apiculture?
7. Study the diagram below and use it to answer questions that follow.



Use letter P to show the gill filaments on the above diagrams.

8. How are gill filaments useful to a fish?
9. What does the ovary in a flower turn to after fertilisation?
10. State any one use of financial records on the farm.
11. When preserving fish, heat is involved. Give the role of heat during fish preservation?



Mr. Peter Ssemenda
Mugwanya Prep Sch.
Kabonja



Mr. Stephen Efumbi
St Savio Junior School
Kisubi



Mr. Francis Esou
Joykim Primary School
Kumi

INTEGRATED SCIENCE

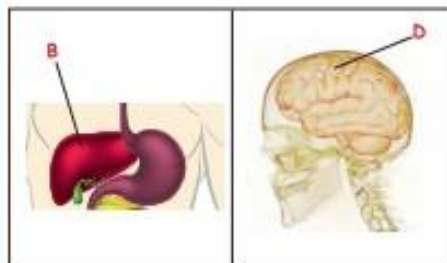
ISSUE
16

SECTION A

12. Give a reason why farmers transplant seedlings in the evening
13. State one danger of sharing towels with other people.
14. Briefly explain the importance of earth worms found in the soil.
15. How are water bodies important in the formation of rain?
16. State any one activity involved when cleaning clothes.
17. Name the type of bee commonly seen around flowering plants.
18. Give one carnivorous plant.
19. Okello's doors make noise whenever closed or opened. What advice can you give to Okello to stop the noise?
20. Name the force that produced the noise on his doors.
21. State one advantage of Paddock grazing.
22. Why are the armpits suitable parts for detecting human temperature using a thermometer?
23. State what happens to a plant in a dark room which has a small window to let in light.

24. How is castration important in livestock?
25. In which way can water promote personal hygiene?
26. Give one way conduction of Heat is applied in our daily life.
27. State the difference between electrons and current in a way they flow in the circuit.
28. Name one material used for making compost manure.

The diagram below shows some major human organs. Use them to answer question that follow.



29. Name the organ marked B.
30. How is organ D useful to P.6 pupil?

SECTION B

- 31) (a) Give the importance of the following components of a balanced diet.
 - i. Carbohydrates:
 - ii. Proteins:
 - iii. Roughages:
 (b) Mention any one food source of iodine.

- 32(a) State the main cause of fainting.
- (b) Give any two conditions that can lead to fainting.
 - i)
 - ii)
- (c) Why are the legs of a fainted victim raised above the head?

33. a) State the difference between child spacing and family planning.
- (b) Why is prolonged breast feeding regarded as a natural family planning method?
- (c) Give two reasons why some families have many children.
 - i)
 - ii)

34. The diagram below is of a simple machine use it to answer questions that follow.



(a) Name the simple machine shown above.

(b) Identify the group of simple machines to which the above machine belongs.

(c) Apart from the above machine, give one other example of the machine that belongs to same group with the above.

(d) State one way machines simplify man's work.

35. (a) Name the system of poultry keeping where birds are left to roam looking food on their own.

(b) Give two advantages of the above system.

(c) Why is the above system not suitable for rearing birds for commercial purposes?

36. a) State any one example of each of the following as i. chemical change:

ii. biological change:

(b) State two characteristics of a physical change.

i) _____

37. Give the meaning of the following:

i. A convalescent:

ii. Vulnerable people:

(b) Why should convalescents be given foods rich in vitamins and mineral salts?

(c) Besides, convalescents, give one other group of vulnerable people.

38. a) Name the part of a maize grain. Which perform the following roles during germination.

i. Absorbs and supplies food to the embryo

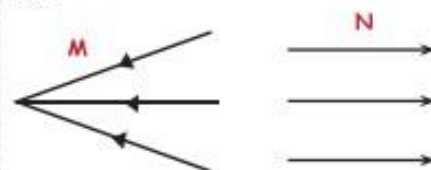
ii. Stores food

(b) Give two condition necessary for germination.

i) _____

ii) _____

39. Use the diagram below to answer questions that follow.



(a) Name the types of beams shown above.

(b) Outline two examples of objects that produce beam marked N.

(c) Why is light not regarded as matter?

40. a) Which structures do tapeworms use to absorb digested food from the ileum?

(b) Give one similarity between the suckers and the hooks in terms of their functions

(c) State one way of controlling worm infections in human beings.

MATHEMATICS ANSWERS TO ISSUE 16 (1ST JULY 2024)

1. $3 - 6$

$+9 - 4$

$13 - 0$

$0 0 3 5$

$+1 2 0 0$

$1 2 : 3 \text{ am}$

3. $469 = 400 + 60 + 9$

$= \text{CD} + \text{LX} + \text{IX}$

$= \text{CDLXIX}$

4. $A = 1/2 \times d_1 \times d_2$

$= 1 \times 8 \text{ cm} \times 14 \text{ cm}$

$= 1 \times 4 \text{ cm} \times 14 \text{ cm}$

$= 56 \text{ cm}^2$

5. cube

$1 \times 1 \times 1 = 1$

$2 \times 2 \times 2 = 8$

$3 \times 3 \times 3 = 27$

$4 \times 4 \times 4 = 64$

$5 \times 5 \times 5 = 125$

$6 \times 6 \times 6 = 216$

$7 \times 7 \times 7 = 343$

OR $8 \times 8 \times 8 = 512$

The cube root is 6

6. $5 - 4p = 13$

$5 - 4p = 13 - 5$

$-4p = 8$

$-4p = 8 \div -4$

$p = -2$

7. $L \times W = 60 \text{ cm} \times 30 \text{ cm}$

$d \div d \quad 7 \text{ cm} \quad 7 \text{ cm}$

$= 8 \times 4$

$= 32$

There are 32 cards

8. No of right angles = $2n - 4$

$20 = 2n - 4$

$20 + 4 = 2n - 4 + 4$

$124 = \frac{1}{2}n$

$124 = \frac{1}{2}n$

$124 \times 2 = \frac{1}{2}n \times 2$

$248 = n$

12 sided polygon is Duodecagon

9. $(14.5 \times 8) - (4.5 \times 8)$

$= 8(14.5 - 4.5)$

$= 8(10)$

$= 80$

10. $A = \frac{1}{2} \times b \times h$

$= \frac{1}{2} \times 8 \text{ cm} \times 10 \text{ cm}$

$= \frac{1}{2} \times 8 \times 10$

$= 40 \text{ cm}^2$

11. No wrong expected deduc final

of qn ans marks ted mark

30 0 30x3=90 2x0=0 90-0=90

29 1 29x3=87 2x1=2 87-2=85

28 2 28x3=84 2x2=4 84-4=80

27 3 27x3=81 2x3=6 81-6=75

26 4 26x3=78 2x4=8 78-8=70

she will get 70 marks

12. $nCp = 2^n - 1$

$127 + 2^n - 1$

$127 + 1 = 2^n - 1 + 1$

$128 = 2^n$

$128 = 2^7$

$7 = n$

13. Room cover = $L \times W$

$= 8 \text{ cm} \times 5 \text{ cm} = 40 \text{ cm}^2$

$1 \text{ m}^2 = 10,000 \text{ cm}^2$

$40 \text{ m}^2 = 40 \times 10,000 \text{ cm}^2$

$= 400,000 \text{ cm}^2$

Area of each tile = $10 \text{ cm} \times 10 \text{ cm}$

$= 100 \text{ cm}^2$

No of tiles needed = $\frac{400,000}{100}$

$= 4000 \text{ tiles}$

No of boxes = $\frac{4000 \text{ tiles}}{60 \text{ tiles} = 80 \text{ boxes}}$

1 box costs sh. 200,000

80 boxes will cost $200,000 \times 80$

$= 16,000,000$

14. $m^2 = A$

$22 \times r^2 = 154 \text{ cm}^2$

$22 \times r^2 = 154 \text{ cm}^2 \times 7$

$22 \times r^2 = 1078 \text{ cm}^2$

$r^2 = \frac{1078}{22}$

$r^2 = 49 \text{ cm}^2$

$r = 7 \text{ cm}$

Diameter = $2r$

$= 2 \times 7 \text{ cm} = 14 \text{ cm}$

15. $6ay + 12ay^2 = 6CF - 6ay$

$6ay + 12ay^2 = 6CF - 6ay$

$6ay + 12ay^2 = 6CF - 6ay$

$6ay + 12ay^2 = 6CF - 6ay$

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$6ay + 12ay^2 = 6CF - 6ay$

$6ay + 12ay^2 = 6CF - 6ay$

15. $m = \frac{1}{2}(45 + m)$

$15 + m = \frac{1}{2}(45 + m)$

$2 \times 15 + 2 \times m = 45 + m$

$30 + 2m = 45 + m$

$30 - 30 + 2m = (45 - 30) + m$

$2m = 15 + m$

$2m - m = 15 + m - m$

$m = 15$

After 15 years

18. $2y + 6 - 5y - 3$

$2y + 6 - 5y - 3 - 6$

$2y + 5y - 9$

$2y - 5y + 9$

$-3y + 9$

$-3y - 9$

$-3y - 9$

$-3y - 9$

$-3y - 9$

$-3y - 9$

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$-3y - 9$

20. sketch



$(4 \text{ cm})^2 + 3 \text{ cm}^2 = s^2$

$4 \text{ cm} \times 4 \text{ cm} + 3 \text{ cm} \times 3 \text{ cm} = s^2$

$16 \text{ cm}^2 + 9 \text{ cm}^2 = s^2$

$25 \text{ cm}^2 = s^2$

$5 \text{ cm} \times 5 \text{ cm} = s \times s$

$5 \text{ cm} = s \div s = 5 \text{ cm}$

$P = 4s$

$= 4 \times 5 \text{ cm} = 20 \text{ cm}$

21. a) $y - 9000 + 1200 = 3600$

$y + 2100 = 3600$

$y + 2100 - 2100 = 3600 - 2100$

$y = 1500$

b) $1200 - 9000 = 3000$

$10^3 \text{ repr sh. } 9000$

10 will repr sh. 9000

$3600 = \text{sh. } \frac{90000}{300} \times \frac{360}{1}$

$= \text{sh. } 9000 \times 12$

$= \text{sh. } 108,000$

22. $4 \times 10^3 + 5 \times 10^2 + 6 \times 10^1 + 7 \times 10^0$

$= 4 \times 10^3 + 5 \times 10^2 + 6 \times 10^1 + 7 \times 10^0$

$= 4 \times 10^3 + 5 \times 10^2 + 6 \times 10^1 + 7 \times 10^0$

$= 4 \times 10^3 + 5 \times 10^2 + 6 \times 10^1 + 7 \times 10^0$

$= 4 \times 10^3 + 5 \times 10^2 + 6 \times 10^1 + 7 \times 10^0$

$= 4 \times 10^3 + 5 \times 10^2 + 6 \times 10^1 + 7 \times 10^0$

$= 4 \times 10^3 + 5 \times 10^2 + 6 \times 10^1 + 7 \times 10^0$

$= 4 \times 10^3 + 5 \times 10^2 + 6 \times 10^1 + 7 \times 10^0$

$= 4 \times 10^3 + 5 \times 10^2 + 6 \times 10^1 + 7 \times 10^0$

For questions 1 to 5, fill in the gap with a suitable word.

1. We use our _____ for tasting.
2. Jacinta prefers swimming _____ playing football.
3. The young boy _____ rice and chicken as soon as he entered the restaurant.
4. _____ sun is the major source of light.
5. Beef is to cow as _____ is to sheep.

For questions 6 to 15, use the correct form of the words given in the brackets to complete the sentences.

6. The teachers _____ the test last week. (mark)
7. National Environment Management Authority does not allow houses to be built in _____ areas. (swamp)
8. Madala was the _____ in External Mid-term Assessments. (two)
9. My sister is so responsible that she does all her work by _____ (she)
10. Babiye is the _____ of the twins. (clever)
11. The time keeper had _____ the bell by the time we entered the classroom. (ring)
12. Our teachers _____ us to read very hard for excellence. (courage)
13. My grandfather has a lot of _____ on his farm. (sheep)
14. What is the _____ between a cock and a hen? (different)
15. Daddy bought a _____ cake last week. (rectangle)

For numbers 16 to 17, give the plural form of the given words.

16. chimney.

17. baby's toy

For numbers 18 and 19, arrange the given words in alphabetical order.

18. six two eight four

19. bridesmaid bridal bride bridegroom



Mr. John Ituuma
St. Theresa Namliyang Girls



Mr. Robert Kavuma
Gayaza Junior School



Monica Nakabugo
Uganda Martyrs Primary School Katwe

ENGLISH

SECTION A

SUBS-SECTION II

For questions 20 and 21, rearrange the given words to form meaningful sentences.

20. interested listening gospel in I music to am.

21. bridegroom's are Why happy parents not the?

For numbers 22 and 23, use each of the words given below in meaningful sentences to show that you know the difference in their meanings.

22. bury

23. berry

For questions 24 and 25, write the short forms of the words below

24. must not:

25. automated teller machine:

For questions 26 and 27, rewrite the sentences giving one word for the underlined group of words.

26. Mike was one of the people who spoke against the motion during the debate.

27. Our teacher always answers every question in a correct way.

For questions 28 to 30, rewrite the sentences giving the opposite of the underlined word.

28. Mother was asleep when Daddy came back home.

29. The chef bought three sharp new knives yesterday.

30. All the guests were smartly dressed for the party.

For questions 31 to 40, rewrite the sentences as instructed in the brackets.

31. My cousin loaded airtime on her phone. She wanted to make a phone call to her mother.
(Join as one sentence using:so as.....)

32. Aswala bought a shirt. It was very costly.
(Join as one sentence beginning: What.....?)

33. The candidates are eager to sit Primary Leaving Examination in November this year.
(Re-write the sentence using:look forward.....)

34. Tom was not feeling well. Tom went to hospital.
(Join as one sentence using:because.....)

35. Jasper is writing a letter. (Re-write the sentence and end:by Jasper.)

36. All the pupils have arrived at school early. (Re-write the sentence beginning: None.....)

37. My uncle is very weak. We cannot travel a long distance with him.
(Join as one sentence using:too.....to.....)

38. If I buy a postage stamp, I will post my letter.
(Rewrite the sentence using:would.....)

39. Journalists like writing articles more than reporting news. (Re-write using:would rather.....)

40. Kansonga is a long way from Kibuli, isn't it?
(Re-write the sentence ending:is it?)

SECTION B

41. Study the advertisement below carefully and then in full sentences, answer the questions that follow.

DEBATE!	DEBATE!	DEBATE!
Date:	2ND JULY 2024	
Time:	2:00p.m. - 4:00p.m.	
Participants:	Green Circle Primary School Vs Gamba Junior School	
Opposers:	Gamba Junior School	
Chairman:	Hon. Mulungi Akello Angel	
Sec:	Hon. Atwongyera Benny	
Venue:	Main hall of Green Circle Primary School	
Motion:	KEEPING ENVIRONMENT GREEN	
Note:	The best twenty participants will be given a free soda.	

Charles Mukose
11st July 2024

QUESTIONS

- a) When was the notice written?
- b) Which school will talk in favour of the motion?
- c) Who will chair the debate?
- d) When will the debate take place?
- e) Who will qualify to get a free soda according to the advertisement above?
- f) At what time will the debate start?
- g) How long will the debate last according to the advertisement?
- h) Where will the debate take place?
- i) Write in full: Hon.
- j) Give another word to mean: venue:

42. The sentences below are in a wrong order. Rearrange them to form a meaningful story

- a) Last week, Paul wanted to travel to Masaka City.
- b) While in a taxi, he bought a drink before reaching Masaka City.
- c) He arrived in Masaka Taxi Park at 12:00 noon.
- d) At home, his aunt welcomed him with great happiness.
- e) He wanted to go and see his aunt.
- f) His cousins were very happy to receive him at Masaka taxi park.
- g) At 10:00a.m., he arrived at the taxi park.
- h) At 10:30a.m., the taxi left the taxi park and started the journey.
- i) He prepared himself and left home at 9:00a.m.
- j) Paul and his cousins then went home to meet his aunt at home.

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

Different people have different opinions about children's rights. Children's rights are natural freedoms all children must enjoy. A child is any person below the age of eighteen according to the Children Act.

Children's rights include the right to immunisation, right to education and guidance, right to shelter, right to adequate diet, right to clothing, a right to medical attention. Many children especially my fellow candidates are now aware of these rights. They sing them day and night.

One thing that amazes me is the fact that children's rights go hand-in-hand with responsibilities. A good number of children are excited about their rights, however they forget that they also have a responsibility to do. For example, right to education needs to be followed by studying hard, revising notes, attending school regularly.

I always feel disturbed when parents of some of my classmates get disappointing results from their children. Some of them blame teachers for their children's poor performance, others request for extra lessons so as to improve on the grades. The question is: Why don't those children play their role?

Some children think when they study, they are helping the teacher and their parents, they are wrong. Studying hard helps one to fulfill one's responsibility towards right to education.

Ever since I discovered this secret, my academic performance has not declined. I am grateful to my parents and to my dear teachers for guiding me achieve this level of success.

I therefore request all my friends and classmates to work hard, cooperate with their teachers so as to reap big, come Primary Leaving Examination 2025.

QUESTIONS

1. What is the information about?
2. According to the passage, who is a child?
3. In which class is the writer of the passage?
4. How many children sing their rights day and night according to the passage?
5. What do the children's rights go with?
6. Give another word to mean.
(a) grades
(b) request
7. What are children's rights according to the passage?
8. Who has different opinions about children's rights?
9. Suggest a suitable title to the passage.

44. Study the application letter below carefully and fill the blanks correctly using the words given in the box below.

Koi Koi Junior School
P.O Box 2021
Banda
1st July 2024

The _____
Just Supermarket
P.O Box 2019
Kampala

Dear Madam,
Re: _____ FOR THE POST OF SALES CLERK
In response to the advertisement in the New Vision dated 29th June, 2024, I am writing to apply for the post of Sales _____ I have just _____ my Primary Leaving Examination, and I would like to work in your supermarket during my _____.

My intention is to earn and save some money in order to buy school _____ for senior one. If offered this job, I _____ to work to the best of my ability.

I look _____ to hearing from you.

Yours _____
Calvin Abaho

requirements	forward
faithfully	clerk
Manager	completed
CALVIN ABAHO	promise
application	vacation

SST ANSWERS TO ISSUE 16 (1ST JULY 2024)

1. land is used for settlement/ land is used for burying the dead
2. This is a drawing of an object as seen from sides
3. farming/ fishing/ lumbering/ mining
4. chief justice
5. to promote food security/ to prevent famine
6. flowers are used for decoration/ flowers are given out to people as gifts/ flowers are used to express love/ flowers are used as wreath
7. sugarcane
8. to ease the spread of Christianity/ for the natives to understand how to read the Bible
9. He introduced the fast cotton growing seeds in Uganda
10. near markets/ busy places/ trading centres
11. it is used for study purpose/ it is used for keeping some things of long ago(arte-facts)
12. they feed differently/ they have different feeding habits
13. to learn from one another/ to share ideas/ to build self confidence among learners/ to consult from each other
14. to promote economic development/ to enable the government get money to provide social services
15. Commercial banks provide loans for development among people

Commercial banks give jobs to people

17. to promote proper growth of Children/ to enable children learn well/ to promote their right to food
18. apartheid policy
19. The League of Nations
20. to get permission from the sultan/ to get interpreters/ to get guides/ to learn Kiswahili/ to get porters
21. by providing balls to schools/ sports kits to schools/ by providing money/ funds to schools/ employing sports teachers in schools
22. he led DRC to independence/ he fought for the independence of DRC
23. it led to high demand for raw materials in Africa/ it increased the need for labour from Africa
24. formal education/ foreign culture/ foreign languages/ they introduced new crops/ they introduced new religions
16. a sunshine recorder
25. they grabbed the fertile land of Africans/ they promoted the system of racial segregation in Africa
26. Either: a prophet is an earthly messenger of God
Or: a prophet is an earthly messenger of Allah
27. Either: to learn more about God/ to get God's word
Or: to learn more about Allah/ to strengthen their faith
28. Either: to strengthen their faith in God/ to promote unity/ to promote friendship/ to promote love

- Or: to promote unity/ to promote friendship/ to promote love/ to strengthen their faith in Allah
29. Either: to promote peace/ love/ unity/ friendship/
Or: to promote peace/ love/ friendship/ unity
30. Either: they were burnt/ beheaded/ castrated/ dismembered/ stoned/ speared
Or: they were burnt/ speared/ beheaded/ castrated/ dismembered/ stoned
31. a) NEMA
b) to conserve wetlands to control the effects of climate change
c) shortage of funds corrupt officials
32. a) this was a worldwide movement organised by people to promote brotherhood and liberate Africans from all forms of oppression
b) they used meetings/ conferences they used media
c) disunity among leaders shortage of funds different political ideologies
33. a) introduction of English as the official language to the Boers the British stopped the Boers from carrying out slave trade the British imposed high taxes to the Boers the British had introduced harsh

- laws to the Boers
b) it led to the discovery of gold and diamond commercial farming started in the interior of South Africa New cash crops were introduced
c) it is a mining area for gold/ people get jobs in gold mines/ it is a source of raw materials to secondary industries
34. a) Massai
b) shortage of pasture/ shortage of water/(drought) cattle diseases/ cattle rustling
c) by constructing valley dams/ drilling bore holes
36. a) the workers/ the army/ the elderly/people with disabilities/ the youths
b) to have their problems listened to/ to protect their rights
c) PDM (Parish Development Model) Emyosa
37. a) cars/ taxis/ motorcycles
b) it promotes trade/ it promotes tourism/ it promotes industrialisation/it promotes security
c) to control traffic jam/ to reduce accidents on roads/ to make transport easy/ to promote trade / to promote tourism
38. a) Portuguese explorers/ explorers
b) they spread Christianity they introduced new crops they built fort Jesus
c) tropical diseases /language barrier

- poor transport/attacks from wild animals/attacks from hostile tribes
38. a) Ghana had a lot of gold deposits/ Ghana had a lot of gold at the coast
b) Uganda is located in East Africa while Ghana is west Africa Uganda is landlocked while Ghana has a sea port
c) the Prime Meridian/ Greenwich meridian
d) it will be 12:00pm
39. Either: a) there is life after death/ death is the beginning of eternal life
b) by naming children after the dead by digging around their graves by swearing in the names of the dead by asking for blessings from the dead
c) by removing the dead from graves/ by stealing the remains of the dead from graves
Or: a) death is the beginning of eternal life/ death is a passage to Janna/ there is life after death
b) By naming children after the dead by digging around their graves by swearing in the names of the dead by offering sacrifices to the dead by asking for blessings from the dead
c) by holding functions for the dead c) by stealing the remains of the dead from the graves/ by removing