



Mr. Josephat Karubanga
Kabojja Junior School



Mr. Bernard Mbyehezuya
Kampala Parents Sch



Mr. Michael Musinguzi
Budo Junior School

MATHEMATICS

13. If Mr Baba bought a goat at sh.145,000, at what price must he sell it to get a profit of 17,500?

SECTION A

1. Work out: $95 - 42$

2. Simplify: $7k - 6y - 2k + 8y$

3. Write DCCV in Hindu Arabic numerals.

4. Round off 776,551 to the nearest ten thousands.

5. How many cc are in 0.75 litres?

6. Work out: $101_{\text{two}} \div 11_{\text{two}}$

7. If today is Tuesday, what day of the week was it 40 days ago?

8. Using ruler and a pair of compasses, bisect the line segment XY below



9. What is the square root of 1.96?

10. Set W has 31 proper subsets. How many elements are in set W?

11. Find the mean of $8k+3$, $9k-10$, $7k-8$ and $4k-1$

12. How many days will 16 men take to weed a garden if 12 men take 20 days to weed the same garden?

14. Muna slept at 9:45pm and woke up at 3:20am the following day. How long did he sleep?

15. What is the solution set for the inequality: $-3 \leq m < 4$?

16. Joan has a total of 48 bags of maize and beans in his store. If $33\frac{1}{3}\%$ is maize, how many bags of beans are in the store?

SECTION B

17(a) Work out: $12 - 1.05$

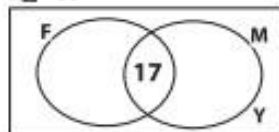
(b) Work out: $\frac{4.8 \times 0.27}{1.8}$

(b) Solve: $\frac{1}{2}y + 10 = 16$

18.a) Given that $p = 3$, $q = 5$ and $r = 7$; find the value of $p^3 - qr$

19. In a certain class of 60 pupils, $x+8$ pupils eat fish(F) only, $2x-4$ eat meat(M) only and 17 pupils like both meat and fish, y eat none of the two.

$$n\Sigma = 60$$

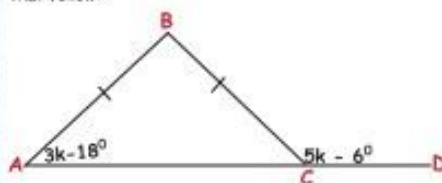


(a) Complete the Venn diagram below.

(b) Find the value of x if pupils who eat fish are twice those who eat meat only.

(c) What is the value of y

20. Study the figure below and answer the questions that follow:



a) Find the value of k

b) What is the size of angle ACB?

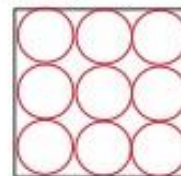
21. In Kyaka village, the ratio of men to women to children was 3:5:7 respectively. If the total number of women in Kyaka is 50:

(a) How many men are in Kyaka?

(b) Find the number of children who live in Kyaka.

22. A wooden box full of ceramic tiles weighs 22.3kg. The empty box weighs 3.4kg. How many tiles are the box if each tile weighs 450g?

23. The figure below shows circular plates cut from a square metallic sheet ABCD



a) If the area of the metallic sheet is 3600cm^2 , find BC.

b) Find the area of the metal not used. (Let $\pi = 3.14$)

INTEGRATED SCIENCE ANSWERS TO ISSUE 16 (4TH JULY 2024)

1. Passion fruits / tomatoes/ jack fruits / mangoes
2. To allow free air circulation
3. Blubber keeps sea mammals warm while in water
4. Tuberculosis
5. Chicken droppings are used as manure
6. Is a flight in which a queen bee mates with a drone bee
8. Gill filaments enables a fish absorb dissolved oxygen in water
9. A fruit
10. Enables a farmer to acquire bank loans
11. Heat removes moisture from the fish
12. To prevent seedlings from withering due to excess transpiration
13. It can lead to the spread of skin diseases
14. Earthworms help to aerate the soil

15. water bodies lose water in form of water vapour to the atmosphere
16. Sorting
17. Worker bees
18. Sundews / Venus fly traps
19. To lubricate the hinges to reduce friction
20. Friction
21. Liver
22. Stores the learnt content/ for thinking
23. Paddock grazing controls over grazing
24. Arm pits cover the bulb hence giving the right body temperature
25. Plants will bend towards the direction of the light
26. Castration inbreeding/ castration makes animals grow fat and fast
27. Water can be used to wash away dirt from the body
28. Conduction enables people iron clothes

29. Elections flow from the negative terminal to the positive terminal while current flows from the positive terminal to the negative terminal
 30. Left over of food/ banana peeling
- Section B
- 31 a) i) carbohydrates provide energy to the body
ii) Proteins help to repair worn out body tissues/ proteins help to build up the body / proteins help to manufacture enzymes
 - 32 a) limited supply of oxygenated blood to the brain
b) standing under sunshine for long / strenuous exercise/ prolonged Hunger
c) To encourage the flow of oxygenated blood to the brain
 - 33 a) Child spacing is the provision of adequate time between the birth of children in a family while family

- planning is the use of birth control methods to decide when to have or not to have a child in a family
- b) Prolonged breast feeding delays the mothers next pregnancy
 - c) Ignorance on family planning/ fear for infant mortality rate / prestige
 - 34 a) Windlass
b) Wheel and axle
c) a car steering wheel/ an egg beater/ bicycle chain wheel/ bicycle handles) a brace
 - 35 a) Free range system
b) It is cheap in terms of feeding the birds / Gives a farmer time to do other activities
 - c) Few birds are kept
 - 36 a) i). Rusting/ burning
ii) moulting/ reproduction
b) A physical change is reversible/ physical change does not form new substances
 - 37 a) i). A convalescent is a person

- who is recovering from an illness.
- ii) Vulnerable groups of people are people who need special care and can easily be harmed due to poor feeding
 - b) To promote quick recovery
 - c) Babies/ sick people/ elderly/ breast feeding mothers
 - 38 a) i). Cotyledon
ii) Endosperm
 - b) Oxygen / warmth/ moisture
 - 39 a) M - converging beam
N- parallel beam
 - b) Collimators/ parallel beam telescopes/ beam splitters
 - c) Light does not occupy space and neither has weight
 - 40 a) Their moist scolex.
b) Both attach the tapeworm on the walls of the intestine
c) wearing shoes/ eating well cooked beef or pork / regular deworming

1) Why are bridges constructed across rivers and streams?

2) In which one way did the coming of the missionaries affect the culture of the people of Uganda?

3) How do swamps control floods?

4) Which type of leaders assume office through elections?

5) How do music festivals carried out in your society benefit people?

6) How did Trans - Atlantic trade lead to loss of African culture in West Africa?

7) How is Kilombero Valley irrigation scheme in Tanzania similar to Kakira in Uganda in terms of economic activities?

8) State the main use of money in trade?

9) What is customs duty?

10) State one way the government of Uganda is encouraging its people to start up small scale industries in rural areas?

11) Which human activity has reduced the population of the animals shown below in their natural habitats?



12) Name one country in Southern Africa crossed by Tropic of Capricorn?



Mr. Willy Katuswa
Greenhill academy
Kibuli Campus



Mr. Patrick Bugembe
Mbarara Municipal
School



Mrs Sarah Matovu
St Peters Nsambya
Primary School

SECTION A

13) How did the White settlers affect the Kikuyu in Kenya?

14) Give a reason why people at Mombasa see the sun earlier than those in Kampala, Uganda?

15) What do the blue strips at the bottom of the Uganda Coat of Arms represent?

16) State any one reason why investors consider labour force before setting up an industry.

17) Name any one oil field in Albertine region where Uganda's oil will be drilled.

18) How were the Ngoni helpful to the Rugeruga fighters of the Nyamwezi empire?

19) State one evidence to show that Uganda was colonised by the British.

20) What lesson do you as a candidate learn from the Second stanza of the Uganda National Anthem?

21) What were the Bantustans in South Africa?

22) State the political importance of River Semliki to Uganda and Democratic Republic of the Congo

23) How is the Executive organ improving on the welfare of security officers in Uganda?

24) Why should boys and girls be given equal activities in a family by their parents?

25) Why is Julius Nyerere and Abeid Karume remembered in the political development of Tanzania?

FOR QUESTIONS 26 TO 30, ANSWER EITHER CHRISTIANITY OR ISLAM ONLY BUT NOT BOTH IN A NUMBER

26) Either: How do you as a Christian express concern to needy children at school?

Or: How do you as a Muslim express concern to needy children at school?

27) Either: What was the work of Mary, the mother of Jesus?

Or: What was the work of Prophet Muhammad's wife?

28) Either: Give one way Christians prepare themselves for Holy communion.

Or: Give one way Muslims prepare for salat.

29) Either: "Pay attention to your teacher and learn all you can" Proverbs 23:12
What practice helps Christians to understand the message preached by religious leaders in church?

Or: "He who memorises the first ten verses of surah al kahf will be protected from the trial of the Dajjal". Who said these words?

30) Either: Which new commandment did Jesus Christ give to the disciples before his ascension?

Or: Write the last pillar of Islam.

SECTION B

31) a) What is mining?

b) Name the main mineral extracted from Mwadui at Shinyanga in Tanzania.

c) State the reason why minerals are called non-renewable resources.

d) Give any one challenge facing the mining sector in East Africa.

32) a) Which means of transport is commonly used in the desert regions of Africa.

b) How are the turbans useful to people in deserts?

c) State a reason why many farmers in deserts settle near oases.

d) In which way can crop growing be made possible in the desert regions of Africa?

33) Match the leaders in list A with their movement against colonial rule in list B.

A	B
i) Chief Awich	- Hehe rebellion
ii) Kinjikitile Ngwale	- Mau Mau rebellion
iii) General China	- Lamogi rebellion
iv) Chief Mkwawa	- Maji Maji rebellion

i) Chief Awich	_____
ii) Kinjikitile Ngwale	_____
iii) General China	_____
iv) Chief Mkwawa	_____

34) a) Name the body responsible for the construction and maintenance of main roads and bridges in Uganda.

b) Which mineral resource is used when tarmacking roads?

c) State any one challenge facing the body responsible for the construction of roads and bridges in Uganda.

d) How are feeder roads important to farmers in the villages?

35) a) What is a Referendum as a type of elections?

b) State any two forms of election malpractices done during the process of elections

i)

ii)

c) State the importance of Declaration forms during election process.

36) a) Which term is used to mean the state when a person in power/ public offices mismanages government funds for his or her personal gains?

b) State any two effects of corruption in country

i)

ii)

c) State any one way the government of Uganda can fight corruption among its citizens.

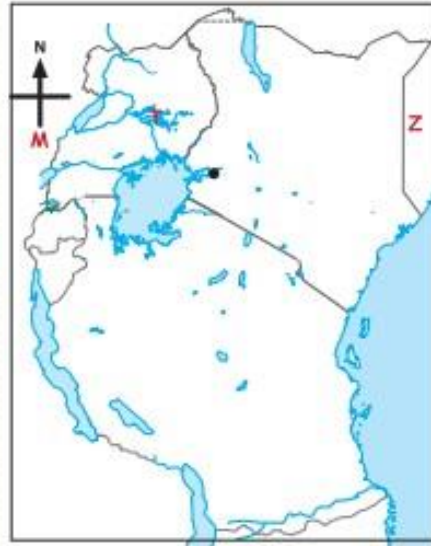
37) a) Name the largest common market in Africa

b) State any one reason why common markets are formed in Africa

c) Write ECOMOG in full

d) State any one problem facing common markets in Africa.

38) Study the map below and answer the questions that follow it.



a) Which natural process led to the formation of lake marked T?

b) In which one way does Uganda benefit from the country marked M economically?

c) Using letter Q mark the region that is famous for tobacco growing on the map above.

d) How has Uganda helped country Z to maintain peace?

FOR QUESTIONS 39 TO 40, ANSWER EITHER CHRISTIANITY OR ISLAM ONLY BUT NOT BOTH IN A NUMBER

39) Either: a) Who is a martyr according to Christianity?

b) Name the first martyr according to the Bible

c) In which way did the above named martyr meet his death?

d) State any one lesson Christians learn from the acts of the Uganda martyrs.

OR: a) Who is a martyr according to Islam?

b) Name the first martyr according to the Quran

c) In which way did the above mentioned martyr meet her death?

d) State any one lesson Muslims learn from the acts of early converts in Islam.

40) Either: 'I will ask the Father and He will give you another Helper, who will stay with you forever' (John 14:16)

a) Who said the above words?

b) State any one symbol of the Helper referred to in Biblical quotation above on Pentecost day.

c) To whom were the above words said?

d) Give any one fruit of the Helper referred to in Biblical quotation above.

ENGLISH ANSWERS TO ISSUE 16 (4TH JULY 2024)

- 1 tongue
- 2 to
- 3 ordered
- 4 the
- 5 mutton
- 6 marked
- 7 swampy
- 8 second
17. Babies toys
- 18 eight, four, six, two
- 19 bridal, bride, bridegroom, bridesmaid
- 20 I am interested in listening to gospel music.
- 21 Why are the bridegroom's parents not happy?
- 22 and 23 consider usage
- 24 mustn't
- 25 ATM
- 26 opposers
- 27 correctly
- 28 awake
- 29 blunt
- 30 shabbily
- 31 My cousin loaded airtime on her phone so as to make calls to her mother.
- 32 What a costly shirt Aswala bought!
- 33 The candidates are looking forward

- to sitting Primary Leaving Examination in November this year.
- 34 Tom went to hospital because he was not feeling well.
- 35 A letter is being written by Jasper.
- 36 None of the pupils has arrived at school late.
- 37 My uncle is too weak for us to travel a long distance with him.
- 38 If I bought a postage stamp I would post my letter.
- 39 Journalists would rather write articles than report news.
- 40 Kasanga is not far from Kibuli is it?
- 41 a. The notice was written on 1st July 2024.
- b. Green Circle Primary School will talk in favour of the motion.
- c. Hon. Mulungi Akella Angel will chair the debate.
- d. The debate will take place on 2nd July 2024.
- e. The best twenty participants will qualify to get a free soda according to the advertisement above.
- f. The debate will start at 2:00pm
- g. The debate will last for two hours.
- h. The debate will take place at Green Circle

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

1	2	3	4	5	6	7	8	9	10
a	e	i	g	h	b	c	f	j	d

- 43 a. The information is about children's rights and responsibilities.
- b. According to the passage, a child is any person below the age of eighteen
- c. The writer of the passage is in primary six
- d. Children's rights go with children's responsibilities.
- f. scores, grades
- g. Children's rights according to the passage are natural freedoms all children must enjoy.
- h. Children have different opinions about their rights.
- i. CHILDREN'S RIGHTS AND RESPONSIBILITIES
- 44 a. clerks b. APPLICATION
- c. manager
- d. completed
- e. vacation
- f. requirements
- g. promise
- h. forward
- i. Faithfully
- j. CALVIN ABAHO