



Mr. Josephat Karubanga  
Kabojja Junior School



Mr. Bernard Mbyehezuya  
Kampala Parents Sch



Mr. Michael Musinguzi  
Budo Junior School

## MATHEMATICS

12. Samson's wage was decreased by  $x\%$  from shs.60000 to shs. 72000. Find the value of  $x$ .

### SECTION A

1. Work out  $6 \cdot 7 + 2 \cdot 3$

2. Solve  $\frac{2}{3}y - 4 = 8$

3. Bulamu can slash the compound in 3 days while zethu can slash the same compound in 6 days. How long will both pupils take to do the same piece of work if they work at the same time?

4. Solve  $3^x \cdot 3 = 81$

5. Find the number whose standard form is  $6.16 \times 10^{-2}$

6. Josephat's stride is 25cm, how many strides will he make to cover a distance of 40 metres?

7. Calculate the interior angle of a polygon whose each interior angle is  $140^\circ$

8. Change 0.089 hectares to square metres.

9. In the space below, draw a venn diagram to show that  $A \cup B = 8$

10 The Product of A and B is 108, their GCF is 3. Find the LCM of A and B

11 Show that 1011 is divisible by 3.

13. Round off 699.79 to the nearest whole number

14. Express 25 meters per second as kilometers per hour.

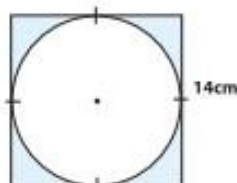
15. Expand 895.75 using values

### SECTION B

16. Mrs. Ejalu bought 30 eggs at sh.300 each. X eggs got broken and sold the remaining eggs at 500 each making a profit of sh. 3500. Find the value of  $x$

17. How many square tiles of side 20cm are needed to a rectangular floor measuring 7m by 5m.

18. The figure below shows a circle enclosed in a square



a) Calculate the area of a square

b) Find the area of the shaded part

19. a) Work out  $3-4 \equiv \text{_____} \pmod{5}$

c) Solve  $m^2 = 121$  five

20. The table below shows the marks scored by 10 students of kyanja primary school

Marks	50	40	80
No of pupils	3	5	x

a) Find the value of x

b) How many pupils scored above the average mark?

21. Mutony wrote three digit numbers using digits 0,5,3.

a) Write all the numbers Mutony wrote.

b) Find the range of the numbers she wrote.

22. The area of a square garden is 16 hectares.

a) Express this area in square metres.

b) Calculate the total distance around the garden in Km

23 Using a sharp pencil, a ruler and a pair of compasses only, construct a quadrilateral ABCD where AB is parallel to CD, Line AB=7cm angle A = angle B =  $60^\circ$ . Line AD = BD = 3.4cm

### INTEGRATED SCIENCE ANSWERS TO ISSUE 19 (25TH JULY 2024)

1. Presence of sunlight, chlorophyll.
2. Fixing wires on poles loosely.
3. Royal jelly.
4. Brown egg, ancona.
5. Hitting the drum harder.
6. Measles vaccine.
7. Gaseous state.
8. Used to grind food into small particles which can easily be digested.
9. Paraffin, diesel, petrol.
10. Hammer, stirrup.
11. To provide them with warmth, and chick's mash.
12. A snail has an external shell while a slug has an internal shell.
13. Breaks the life cycle of weeds.
14. To have strong bones and teeth, to keep them healthy.
15. Respiration.
16. They feed on some insect vectors.
17. To prevent them from being

- dehydrated/ to prevent dehydration.
26. Sisal, pineapples.
27. Both are non flowering plants.
28. Sharing panties, dirty toilets, sexual intercourse with an infected person.
29. Practicing irrigation, mulching.
30. To increase electrical resistance.

#### Section B.

31. a) first class lever.
- b) Region P.
- c) The longer the effort arm, the less effort applied.
- d) Screws, pulleys.
32. a) flossing, brushing the teeth.
- b) pulp cavity.
- c) Gingivitis.
34. a) i) This is the number of vibration per second.
- ii) This is the loudness and softness of sound.

- b) i) by vibration of its membrane when hit.
- ii) by vibration of the strings when plucked.
33. a) By wind.
- b) has wing like structures/ it is winged.
- c) overcome overcrowdings, prevent extinction of some plant species, plants colonise new areas.
35. a) Photosynthesis, respiration.
- b) both are irreversible, both form new permanent substances.
- c) promote growth, enable living things to multiply.
36. a) This is the doctor's written information about the use of a drug.
- b) enable the patient to take the right dose, to take the right drug.
- c) Age, weight, strength of the drug, side effects of the drug.
37. a) distillation, boiling, sterilisation.
- b) distilled water lacks mineral salts.

- c) polio, hepatitis.
- d) clearing tall grass around the water source, using clean containers to collect water.
38. a) This is a period of sexual maturity in humans.
- b) Development of the uterus, production of the ova.
- c) Abstaining from sex.
39. a) Nitrogen fixing bacteria.
- b) cause diseases to people, make food go bad.
- c) Reheating left over foods, boiling water for drinking, going for immunisation.
40. - get a container with water.
- Get a lump of soil.
- Put the lump of soil in the container of water.
- Bubbles of air will be seen escaping from the lamp of soil.



- 1) Give any one effect of poor waste management.
- 2) How does a good transport system promote development in a country?
- 3) Why is radio communication said to be an example of mass media?
- 4) How is a national language important in a country?
- 5) Which means of water transport is represented by the symbol drawn below?

# Fe

- 6) How did Ludwig Krapf promote literacy in East Africa?
- 7) Give the major cause of high number refugees in Uganda?
- 8) Which system of trade led to death of many elephants during pre-colonial societies in East Africa?
- 9) State any one cause for the rise of the ancient Ghana Kingdom
- 10) How do flat hooves help camels survive desert conditions?
- 11) How did the signing of the Freetown treaty affect slave trade in East Africa?
- 12) What is legitimate trade?



Mr. Willy Kataswa  
Greenhill academy  
Kibuli Campus

Mr. Patrick Bugembe  
Mbarara Municipal  
School

Mrs Sarah Matovu  
St Peters Nsambya  
Primary School

## SECTION A

- 13) What role did Prince Henry the Navigator play towards the movement of early Portuguese explorers in Africa?
- 14) Why did Capt. FD. Lugard sign treaties with traditional leaders in Uganda?
- 15) State any one effect of land grabbing in Uganda.
- 16) How is the government of Uganda helping pastoral communities to solve the problem of shortage of water?
- 17) How do hotels promote tourism in a country?
- 18) How do rivers promote industrial development in a country?
- 19) Which type of fish is mainly caught from swamps?
- 20) Why is road transport commonly used by many people in Africa?
- 21) State the humanitarian reason for the coming of European missionaries to Africa.
- 22) How did Pan-Africanism improve on the welfare of Africans?
- 23) Name the system of a democratic government which is characterised with high chances of vote rigging and corruption.

- 24) Why did African Union replace OAU?

- 25) Write EALA in full

FOR NUMBERS 26 TO 30, ANSWER EITHER CHRISTIANITY OR ISLAM BUT NOT BOTH IN NUMBER

26) Either) How did God punish the Egyptians when their Pharaoh refused to set the Israelites free from slavery?

OR) How did Allah punish the Egyptians when their Pharaoh refused to send the Israelites out of Egypt?

27) Either) How does Jesus Christ continue living with the church today?

OR) How did prophet Mohammed save his life from the pagan Meccans who wanted to see him dead?

28) Either) Why do Christians receive holy communion?

OR) Why do Muslims pay zakat?

29) Either) Why should Christians read a Bible every day?

OR) Why should Muslims recite the Quran every day?

30) Either) Who is a reverend?

OR) Who is an Imam?

## SECTION B

- 31) a) What is an import tax?

- b) State two benefits of paying taxes

- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- c) Why does the government give tax waivers to foreign investors who come to Uganda?

- 32a) Give two importance of mobile telephones to people

- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- b) State two ways in which people have misused mobile

telephones.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- 33a) Give any two problems children face while at school.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- 34a) Use the table below and answer questions that follow

Temp.(°C)	22	24	28	30	32	28	26	26	27	26	25	24
Rainfall (mm)	0	0	25	50	75	115	205	250	142	20	0	0
Months	J	F	M	A	M	J	J	A	S	O	N	D

- a) What type of climate is shown by the table above?

- ii) \_\_\_\_\_
- b) Apart from learning how to read and write, state two ways children benefit from being in schools.

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

- b) How many marked dry seasons are shown on the table above?

- c) Mention any two activities done by crop farmers in the month of January and February

- i) \_\_\_\_\_
- ii) \_\_\_\_\_

35a) Which language is spoken by the Afrikaners in South Africa?

b) Mention two new states which were formed in South Africa by the Boers.

i) \_\_\_\_\_  
ii) \_\_\_\_\_  
c) State any one reason why the Boers left Cape Colony.

36a) Give one way the right of peaceful assembly is practiced in Uganda.

b) Mention two ways in which the right to freedom of peaceful assembly is denied to people.

i) \_\_\_\_\_  
ii) \_\_\_\_\_  
c) State any one negative effect of demonstrations in a country.

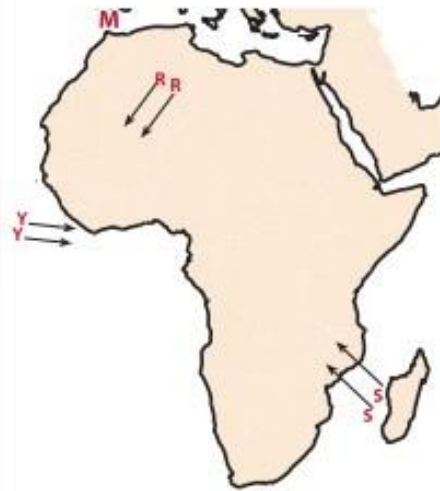
37a) State any two pieces of information collected by enumerators during national population census exercise.

i) \_\_\_\_\_  
ii) \_\_\_\_\_

b) State any two challenges enumerators faced when carrying out National Housing and Population Census exercise.

i) \_\_\_\_\_  
ii) \_\_\_\_\_

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



a) How do ocean currents marked with letter YYY affect the climate of Africa?

b) What causes ocean currents?

c) Name the prevailing winds marked with letter RRR and SSS:

RRR: \_\_\_\_\_  
SSS: \_\_\_\_\_

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

39 EITHER) a. What is success?

b) Give two causes of success among people.

i) \_\_\_\_\_  
ii) \_\_\_\_\_

c) Give one reason why some people fail to achieve their set goals/ targets.

OR) a. What is success?

b) State two causes of success among people.

i) \_\_\_\_\_  
ii) \_\_\_\_\_

c) Give one reason why some people fail to achieve their set goals/ targets.

40 Either: a) State two importance of prayers among Christians.

i) \_\_\_\_\_  
ii) \_\_\_\_\_

b) Give two challenges faced by people who do not always pray to God.

i) \_\_\_\_\_  
ii) \_\_\_\_\_

OR) State two importance of salat among Moslems.

i) \_\_\_\_\_  
ii) \_\_\_\_\_

b) Give two challenges faced by people who do not observe salat as a strong pillar of Islam.

i) \_\_\_\_\_  
ii) \_\_\_\_\_

### ENGLISH ANSWERS TO ISSUE 19 (25TH JULY 2024)

1. playing
2. smallest
3. carefully
4. allocated
5. herself
6. were
7. anxious
15. nor
16. address, addressed, addressee, addressee
17. advertised, advertisement, flown, struck
18. and 19 consider usage
20. waitresses' dresses
21. dynamos
22. I would
23. short message service
24. and so forth
25. theft
26. chairperson
27. hard
28. dishonest
29. hostess
30. An apple a day keeps a doctor away.
31. It is bad to fight.
32. A carpenter is as wise as a baker.
33. It is not far from Mbarara to Nakasongola
34. Hardly had the candidates seen an

8. better
9. engineer
10. twelfth
11. so
12. isn't he?
13. How
14. what

- elephant when they shouted.
35. By the time the host arrived from the shop the visitor had drunk all the alcohol.
36. This mechanic is the tallest in this garage.
37. Sylvia did not have money, but she went shopping.
38. This house has been mopped by Kato and Paul.
39. That baker is not old enough to prepare nice cakes for us
40. I will not watch my favourite film unless Jamadah repairs my television set.
41. a. The poem is a hungry man.  
b. The man is angry and hungry according to stanza two because he did not plant in season.  
c. The hungry man walks to steal at night.  
d. The hungry man is bad because he is mean and never helps the farmers.  
e. According to the poem, the hungry man warms his blanket because he is lazy.  
f. The hungry man doesn't have control over weather.  
g. I prepare II. helped  
h. A HUNGRY MAN

42. 5. Why has a white man failed to make a person?
7. The question usually disturbs my brain.
10. It disturbs because this man has been able to make a lot things.
8. Among the many is airtime.
2. This airtime has left majority wondering.
9. They wonder one cannot imagine how it works.
3. Why one fails to imagine is that one buys only a card.
6. And when it is scratched on this card there are digits which you will load on the phone.
1. Immediately after loading, you press "Okay", you are on air to make calls.
4. In conclusion how did he do it and why can't he make for people babies then?

1	2	3	4	5	6	7	8	9	10
5	7	10	8	2	9	3	6	1	4

43. a. The passage is about Mr Wamala and his new radio.  
b. Mr. Wamala had gathered the money for six months.  
c. According to the passage Mr. Wamala kept the money in Centenary Bank.

- d. Mr Wamala went to an Indian shop after the bank.
- e. Mr Wamala paid three hundred thousand shillings for the radio.
- f. Mr Wamala locked the radio in his bedroom after the dance.
- g. The family members waited at the roadside for six hours.
- h. Mr Wamala travelled back home by taxi.
- i. radio
44. 1. The writer is in Victoria Nile School.
2. The letter was addressed to the headmistress Victoria Nile School.
3. The writer wrote this letter to apologize for breaking a wall clock.
4. The writer promised that he would behave well.
5. The writer is in primary seven.
6. Benja David is from Jinja district.
7. The writer's father was in South Africa at the time the letter was written.
8. The pupil asked for forgiveness in the letter.
9. The was written on Monday, 24th July 2024.
10. The writer broke the school wall clock because the ball he kicked hit the clock and it got broken.