



REGISTER YOUR SCHOOL TO
PARTICIPATE IN THE PASS PLE
QUIZ IN OCTOBER
SEND WHATSAPP: 0702916650

ANSWERS FOR THIS ISSUE
WILL BE PUBLISHED ON
THURSDAY 3RD OCTOBER



Mr. Josephat Karubanga
Kabojja Junior School



Mr. Bernard Mbyehezuya
Kampala Parents Sch



Mr. Michael Musinguzi
Budo Junior School

MATHEMATICS

SECTION A

1. Add: $67 + 21$

2. Given that $X = \{0, 2, 4, 6, 8\}$ Describe Set X

3. Round off 33.57 to the nearest whole number.

4. Find the next number in the sequence below 2, 3, 6, 12, 22 _____

5. Simplify: $-4 - -7$

6. Given that $a = -3$ and $b = 2$, find the value of $2(a - b)$

7. A car uses 7 litres of petrol for every 25 km. How many litres are needed for a journey of 75km?

8. Express 00 30 hours in 12-hour clock system.

9. A shopkeeper bought 50kg bag of sugar at sh.165,000. At what price must he sell each kilogram of sugar in order to make a profit of sh 25,000?

10. Find the value of n if: $22_n = 112_{three}$

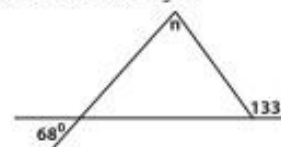
11. Find the area of a semi-circle whose radius is 42 dm. (Take $\pi = \frac{22}{7}$)

12. The total surface area of a cube is 24 cm^2 . Find its volume.

13. The bearing of A from B is 050° . What is the bearing of B from A?

14. In a class, the ratio of boys to girls is 3:2. If there are 18 boys. How many pupils are in the class?

15. Find the value of angle n

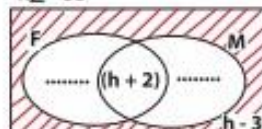


SECTION B

16. 35 guests were invited to a certain party, 22 of the guests liked meat (M), $h + 2$ guests liked both the fish (F) and meat (M), $(h - 3)$ ate none of these and 8 pupils ate only fish

(a) Complete the Venn diagram below.

$$n\Sigma = 35$$

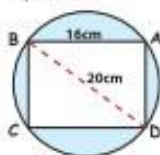


(b) Find the value of h

(c) How many guests ate fish?

18. A cyclist covered 60% of its journey in 2 hours and 40 minutes. How long was the journey if the cyclist was travelling at 90km per hour?

17. Study the figure below and calculate the area of the shaded part. (pi=3.14)



19. Kamara used his salary as follows: $\frac{1}{3}$ on fees, $\frac{1}{4}$ on transport, $\frac{1}{8}$ on Clothes and saved the rest. He saved the rest. He saved sh.280,000
a) Find the fraction saved.

b) How much was his salary?

21. a) Solve: $8/10(h - 2) - \frac{1}{2}(h - 6) = 1$

(b) Oba is 18 year old while Nakate is 4 years old. In how many years time will Nakate be half as old as Oba's?

20. a) Using a ruler and a pair of compasses only, construct a triangle XYZ in which $XY = 7.4\text{cm}$ and angle $YXZ = 30^\circ$ and angle $XYZ = 75^\circ$

b) Measure YZ. YZ =cm

22. Wambi went shopping and bought the following items:

- 2 loaves of bread at sh. 5,000 per loaf.
- 3 bars of soap for sh. 5,500 per bar
- 2 kgs of salt for sh. 1000 per 500g.

(a) What was his total expenditure?

(b) If he was given 5% discount, how much did he pay for all the items.

23. The pie - chart below shows the number of the number of boxes of books in a store. Study it and answer the questions that follow.



(a) Find the value of X

(b) How many more boxes of Science books are in the store than Maths books?

INTEGRATED SCIENCE ANSWERS TO ISSUE 27 (26TH SEPTEMBER 2024)

1. Flowing water/ wind/ animals
2. They filter blood/ they balance the amount of water, salt in the body
3. Burning/ rusting/ chemical digestion/ fermentation/ decaying or rotting.
4. By urinating in it/ by defecating in it/ by dumping wastes in the water source/ by washing in the water source/ bathing in a water source
5. To control the spread of communicable diseases/ to kill germs on the hands/ to control the spread of diarrhoeal diseases
6. They are used for digging/ some animals are used for transport/ animals provide wastes used for the production of bio gas/ animals provide fats used for making bio fuel
7. They help to clean the environment by feeding on carrion
8. Animals do not get enough physical exercise/ animals may starve if they are not fed in time/ it is expensive/ it is tiresome
9. A person may be struck by lightning
10. For planting seeds in them/ for

- carrying drinking water to school
11. Sunshine/ rainfall
12. They are absorbed and a shadow is formed
13. By sun drying them well before storing/ by ensuring that the granary is ever dry
14. Having too much wax in the ear
15. It acts as hiding places for germs/ the finger nails may easily cause cuts on the body/ the finger nails may easily cause injuries in the nose and ears leading to bleeding
16. By carrying out regular health parades
17. It may lead to losses/ It leads to poor decision making/ it leads to poor planning
18. To increase friction between the hand and the steering wheel
19. Diarrhoea/ dysentery/ cholera/ typhoid/ trachoma
20. Solute is any solid substance that dissolves in a liquid
21. Mode of reproduction/ mode of breathing/ nature of their body/ their habitat/ mode of movement
22. To prevent suffocation
23. Worker bees
24. The incident ray, refracted ray,

- the normal at the point of incidence all lie on the same plane/ a ray of light travelling through the normal goes through unchanged
 25. They help to prevent the backflow of blood in the heart
 26. Breathing is the exchange of gases in the body while respiration is the process by which food is burnt in oxygen to release energy
 27. The circulatory system gets blood cells from the skeletal system produced in the bone marrow
 28. It helps in trapping and starving flies to death
 29. They make food before the leaves develop
 30. In order to remove accumulated water during near drowning
- SECTION B
31. a) i) Trachea
 - ii) Bronchiole
 - b) To allow the lungs to expand in order to let in air
 - c) By doing physical exercise regularly/ avoid smoking/ avoid dusty areas
 32. a) It prevents skin diseases/ it prevents bad body smell/ it prevents body parasites

- b) Scabies/ diarrhoea/ dysentery/ cholera
33. a) It is fertile/ it contains a lot of humus
- b) Weathering
- c) By decaying matter
- d) Sand soil is used to put out fire/ clay soil is used for pottery/ sand soil is used in children's play stations to keep the ground soft for children/ sand soil is used to put out fires/ soil is used for making bricks
34. a) Trypanosoma
- b) Onchocerca volvulus
- c) Schistosoma
- d) Plasmodia
35. a) i) Through injection
- ii) Orally/ drops in the mouth
- b) It prevents them from getting spoilt
- c) To enable all parents to immunize their children irrespective of their economic status
36. a) Burn
- b) Deep the injured part in clean cold water
- c) By cooking from raised places/ by keeping children away from cooking places/ by using insulators whenever one is carrying a hot substance/

- avoid playing near hot objects
37. a) Mosses/ liverworts/ ferns/ horsetails
- b) i) Both reproduce by means of seeds
- ii) Both make their own food/ both have chlorophyll
38. a) Ignorance/ love for material gains in exchange with sex/ poverty/ forced marriage/ desire to prove fertility
- b) It leads to obstructed labour/ it may lead to death to inability to give birth/ it may lead to damage of the reproductive system/ it leads to dropping out of school
39. a) Mulching
- b) It keeps moisture in the soil
- c) Watering/ harvesting/ weeding/ thinning/ pruning
40. i) Collect the mixture in one place or container
- ii) Use a magnet to attract the iron filings
- iii) Pour water in the mixture of sand and salt and stir thoroughly
- iv) Filter the solution to get rid of the sand and boil the solution to dryness

1. Name the water passage that connects the Mediterranean Sea and Red sea.
2. State the form of tax that is charged on civil servants in Uganda.
3. Give one reason why people living on mountain slopes control soil erosion.
4. Which fodder crop is mainly grown in the maize triangle of Natal province in South Africa?
5. How did the construction of roads by Semei Kakungulu help to extend colonial rule in Eastern Uganda?



6. Why is the traffic road symbol shown above put at cross roads?
7. In which one way did the Pan Africanists help in the struggle for Independence of African countries?
8. Which official on the Local Council one executive committee is responsible for the problems affecting the elderly?
9. In which way did the Aberdare Mountains and forests help Mau Mau resistance in Kenya?
10. How did Dr. Kwame Nkrumah contribute towards the development of press media in Ghana?
11. State any one problem nationalists faced during their struggle for independence.
12. In which one way were people of pre-colonial Africa politically organised?
13. Mention any one program the government of Uganda has initiated to eradicate poverty among its citizens?



Mr. Willy Kataswa
Greenhill Academy
Kibuli Campus



Mr. Patrick Bugembe
Mbarara Municipal
School



Mrs Sarah Matovu
St Peters Nsambya
Primary School

SECTION A

14. How was lake Buryonyi in south western Uganda formed?
15. Write UHRC in full.
16. How are Cameroon highlands in Cameroon related to the early Bantu?
17. What human activity is done by the Bagisu living in Bududa to control the effects of landslides?



18. Give any one advantage of using the above modern means of communication.
19. How does the above mean of communication promote the development of Industries in Uganda?
20. Why do the Bagisu people in Mbale circumcise their boys as a cultural norm?
21. How do EAC member states benefit from The East African Development Bank?
22. How is a clan head important to clan members?

SOCIAL STUDIES

- 23) Why was the League of Nations replaced by United Nations?
- 24) What are basic human rights?
- 25) How did the Bachwezi promote agriculture in East Africa?

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

26) Either: State one way Christians use their talents to break God's commandments.

Or: State one way Muslims use their talents to break God's commandments.

27) Either: Mention any one Christian denomination in Uganda.

Or: Mention any one example of sects in Islam.

28) Either: Why is marriage regarded as a social institution in Christianity?

Or: Why is marriage regarded as a social institution in Islam?

29) Either: Name the firstborn son of Adam and Eve.

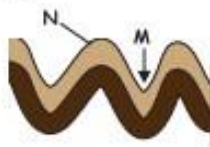
OR) Name the firstborn son of Adam and Hawa.

30) Either: How did God fulfil His plan of salvation for mankind?

OR) How do Muslims reconcile with Allah?

SECTION B

- 31) Study the diagram below and answer the questions that follow.



- a) Name the parts marked
 - i) N:
 - ii) M:
- b) Which process led to the formation of the type of mountain above.

- c) Mention any one mountain in North Africa that was formed by the process shown in the diagram above.

32) a) Which member state of Economic Community of West African States (ECOWAS) houses its headquarters?

b) What name is given to the Military wing of ECOWAS?

c) State any one way the Military wing named in (b) above promote peace and stability in the region.

- d) Write down any one cause of civil wars in some countries of West Africa.

33) a) Which ministry is responsible for mineral exploitation in Uganda?

b) State any one type of minerals mined in East Africa.

c) In which one way do minerals promote the development of industries in Africa?

d) Why are most minerals in African countries not fully exploited?

34) Study the judicial structure below and fill in the missing stages

a) JUDICIAL STRUCTURE

i) Supreme court -	_____
ii) High court -	_____

b) In which way is Judiciary important to a country like Uganda?

c) What title is given to the highest leader of the structure shown above?

35) a) Name the Bantu tribe which entered East Africa through the Southern direction.

b) Which ethnic group entered Uganda through the northwestern direction and settled in West Nile region?

c) In one way did the migration and settlement of Bantu affect the social life of the Bushmen?

d) Apart from introduction of coffee cultivation, how else did the Cushitic people promote crop growing in East Africa?

36) a) Which system of Arable farming is characterised by a single perennial crop grown on a large scale?

b) Which cash crop is mainly grown at Kilombero valley Irrigation Scheme in Tanzania?

c) How does plantation farming promote the development of Agro based industries?

d) Mention one challenge facing farmers in Uganda.

37) a) What is a national constitution?

b) Which constitution led Uganda to independence?

c) In which one way does the national constitution promote the rights of citizens in Uganda?

d) How is the Constitutional Square in the heart of Kampala significant to the 1995 constitution?

38) Study the diagram shown below and answer the questions that follow.



a) Name the country shown above.

b) Why does the river marked T carry the largest volume of water to water body marked Z?

c) How does the shaded region promote the economic development of the country named in (a).

d) Compare Uganda and the country shown above in terms of location, Uganda:

39) a) State any two causes of low life expectancy in most African countries.

i) _____

b) In which two ways can African countries increase life expectancy?

i) _____

ANSWER EITHER CHRISTIANITY OR ISLAM BUT NOT BOTH

40) Either-a) Give a reason why sexual deviations are condemned in the Bible.

b) Mention any one example of sex deviation practiced in communities.

c) State any one cause of sex deviation in Ugandan societies today.

d) In which way can a faithful Christian overcome sexual deviations?

OR: a) Give a reason why sexual deviations are condemned in the Quran.

b) Mention any one example of sexual deviation practiced in communities.

c) State any one cause of sexual deviation in Ugandan societies today.

d) In which way can a faithful Christian overcome sexual deviations?

ENGLISH ANSWERS TO ISSUE 27 (26TH SEPTEMBER 2024)

1. between
2. an
3. Whom
4. lest
5. when
6. mechanical
7. imprisonment.
15. withdrawal
16. ancestor ancestral, burial, funeral
17. poachers, poaching, welfare wildlife
18. and 19 consider usage
20. insecure
21. withdrew
22. Professor
23. that is
28. syllabi/syllabuses
29. The headmaster will reward the best speaker in the debate.
30. Does she speak English fluently?
31. This is the village from where my mum was born.
32. By the time the announcements were read, we had gone to bed.
33. After had applied for the job, she was called for the interviews.
34. Unless Magala stops disobeying
8. mice
9. ancestral
10. guidance
11. apologize
12. German
13. erosion
14. forgotten
24. poachers
25. invigilator
26. carelessly
27. radii/radiuses

- teachers, he will be expelled from school.
35. He is hardworking, but many people don't trust him.
36. Is this new story book Katumwa's?
37. The head of school promised that he would speak to the candidates the following day.
38. The harder you work, the better marks you will score.
39. Parents ought to speak to their children about their rights and responsibilities.
40. None of us has been to a carpentry workshop.
41. 1. One can read the above notice in The New Vision newspaper of 10th July 2024.
2. The deceased is Nalwadda Branny.
3. The notice was written by Joan Magoala a daughter of the deceased.
4. The deceased was buried at Kalambi village.
5. The family of the deceased was thankful to Dr Dick Kimbo for treating the deceased.
6. Hon. Sam Kigizi transported the body of the deceased for burial.
7. The deceased was thirty eight years old when she passed on.

8. The appreciation was written on 10th July 2024.
9. i. Reverend
ii. September
42. 1. The passage is about a tour of primary six class to Kyani Saw Mill and Mukazi Carpentry Workshop.
2. The primary six class learnt about carpentry.
3. The pupils were excited because they were going to have their first educational tour.
4. The pupils visited Kyani Saw Mill and Mukazi Carpentry Workshop during their tour.
5. Mr Kyazze is the manager of Mukazi Carpentry Workshop according to the passage.
6. I think a drill is used for making holes in wood.
7. The pupils wore gumboots while on this tour so that they could protect their feet against sharp objects.
8. The pupils were cautioned against touching machines at the saw mill so as to avoid getting serious injuries.

9. rough
10. A PRIMARY CLASS TOUR TO CARPENTRY WORKSHOP 5
43. 1. Good Mr Magezi
2. I have just run away from home.
3. My father wants to punish me.
4. My brother tore my homework book.
5. My dad wouldn't listen to me.
6. He says that I am a bad child who is never apologetic.
7. I should stop beating my brother and I apologize to my dad.
8. Will they forgive me?
9. Thank you Mr Magezi.
44. -An informal letter
-Write to aunt e.g Aunt Christine
-Date
-Request her to allow you to stay with her for the Christmas holiday
-Request her to pick you from school immediately after PLE
-Promise to her that you are going to help her to do some domestic work
-closure
-writer's name
e.g. Faith