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MATHEMATICS

Bukedde YOUR GUIDE TO A BETTER LIFE THROUGH EDUCATION

SECTION A

1. Subtract 0.99 from 1

2. Write in words 567.8.

3. A book costs 4 times as much as pencil. If the difference in their cost is sh.600, find the cost of a pencil.

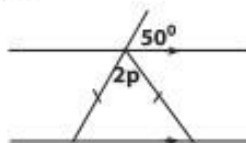
4. The interior angle sum of a regular polygon is 1800° find the number of its sides

5. Find the largest number of apples that can be divided by 15 or 21 pupils and no apple remains.

6. Jesse planted 100 trees along a straight road at an interval of 400cm. Find the distance from the first to the last tree.

7. Solve $3^y \times 9 = 1$

8. Find the size of angle $2p$ in the figure below.



9. Express 20m/s as km/h

10. A set has 63 proper subsets. How many elements are in the set?

11. The time on a clock face is 3.58pm. express this time in 24 hour clock.

12. What is the additive inverse of -6?

13. Write 0.000897 in standard form.

14. Use the distributive property to work out $67 \times 8 + 33 \times 8$.

15. Simplify $5p - 4y - 3p + 7y$.

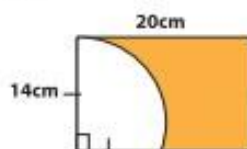
SECTION B

16. The sum of three consecutive odd numbers is 45. If the largest number is m , find the numbers.

17. A tank was $\frac{1}{2}$ full of petrol. When 1500 litres were removed the tank remained $\frac{1}{4}$ full. Find the total capacity of the tank.

18. Today is Monday. What day of the week was it 33 days ago?

19. Find the total distance around the shaded part in the figure below



20. The table below shows the rates at which a forex bureau buys and sells US dollars and Kenya shillings.

Currency	Buying rate	Selling rate
1 US dollar	Ug sh.3600	Ug Sh.3700
1 Ksh.	Ug sh.28	Ug sh.30

a) Ejalu had 400 US dollars and 200 Ksh. How much money in Uganda shillings did he get from the bank?

b) Egita bought a sofa set for Ugsh. 1,110,000. How many US dollars did he pay

21.a) The mean of y , 6, 7 and 2 is 5. Find the value of y

b) Find the range of -6 , 0 , -1 , -9

c) Find the median of 50, 60, 40, 70, and 60

22. a) The total surface area of a cube is 150cm^2 . Find its volume

b) Find the sum of its edges

c) Express 55600cm^3 as litres.

23 Windsor, Shannon and Amanyia shared some money in the ratio of 2:5:7 respectively. If Windsor got shs. 6000 less than Shannon, how much money did Amanyia get?

INTEGRATED SCIENCE ANSWERS TO ISSUE 11 (30TH MAY 2024)

- Pollinate farmer's crops.
- For making candles.
- Giving them enough food.
- To remove germs.
- Mammals their body is covered with fur while birds their body is covered with feathers.
- In the rotation we include legumes that add nitrates into the soil.
- Small intestine/ileum.
- Has a lot of blood capillaries.
- They get immunized against tetanus.
- Kitchen refuse, cow dung.
- It is cheap in terms of money.
- They have half webbed feet which enable them walk easily in shallow water.
- Boost their immunity against diseases.
- Having a waxy layer on their leaves, having a hard bark,

- having few stomata on the top of their leaves.
- Pouring water in the other ear without an insect.
- Kwashiorkor.
- It does not affect bones yet other diseases affect bones.
- Simple fracture the broken bone does not come out of the body while a compound fracture the broken bone comes out the body.
- P ----- Placenta.
- Transports food and oxygen to the foetus.
- The lungs supplies oxygen to blood.
- It is due to expansion.
- They have two cotyledons.
- HIV does not survive in the saliva of mosquitoes.
- Mattresses, grease.
- Too much flow of current, poor connection of wires.
- Using their metabolic heat,

- having a lot of feathers.
- To kill germs in it before eating it.
- Heat disorganises the alignment of the domains.
- Can lead to food poisoning.
- Section B
- a) Air occupies space.
- Air has weight, air exerts pressure.
- Air exerts pressure.
- a) i) Protect the eyes from strong wind.
- ii) Keep the animals warm.
- Cetaceans.
- Whale.
- a) Malaria parasites attack and destroy red blood cells.
- headache, loss of appetite, abdominal pain.
- Making the baby sleep under a mosquito net.
- a) - transport digested food - regulate body temperature.
- They fight germs in the body.

Vaccine	Site	Mode of administration	Age
Yellow fever vaccine	Left upper arm	Injection on the right upper arm	Any age
polio	Mouth	Drops in the mouth	At birth
DPT vaccine	Left upper thigh	Injection on the right upper thigh	1 month and two weeks

- d) Haemophilia.
- a) Trumpet, flute.
- Vibration of air blown into them.
- Recording, writing it.
- a) They are used to do work.
- beef.
- poor feeding, disease attack
- spraying with chemicals, using tsetse fly traps.
- a) i. Shiny surface/ silvered surface.
- leaving gaps between the rails.
- i) help them to dry harvested crops.
- ii) help them to make some garden tools.
- a) i. spread sleeping sickness to people.
- ii) spread nagana to cattle.
- spraying with chemicals, using tsetse fly traps.
40. Rain forms when water vapor in the air cools and condenses into water droplets. These droplets grow by bumping into each other in the clouds. When the droplets become too heavy to stay in the clouds, they fall to the ground as rain.

1. Name any African country that lies in both the Eastern and Western hemisphere.
2. How did Rwanda and Burundi join the East African Community?
3. Why is southern Nigeria more densely populated than the Northern part?
4. State the economic advantage Kenya and Tanzania have over Uganda.
5. How did the coming of Arabs to Buganda kingdom promote its growth?
6. Why did the Bachwezi introduce games like local chess?
7. Give one importance of the district headquarters.
8. Apart from enforcing laws against poaching, state any other way poaching can be controlled in National game parks.
9. How can farming be made possible in the drier parts of A
10. Find the population density of a place whose area is 40 per square kilometre with a population of 960,000 people.

11. Apart from an airport, mention any one other place where the weather instrument shown below is commonly found?



12. How did the spread of christianity help to end slave trade in East Africa?
13. Give any one advantage of using written records as a source of history.



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SECTION A

14. Name the tribe in Uganda which is identified with the cultural practice shown in the picture below.



15. State the factor which makes the production of wine possible in the Mediterranean climatic regions.
16. How does corruption among the government officials affect the development of the country?
17. Which form of money did the Indians introduce in East Africa?
18. How did the introduction of cash crops improve the welfare of Ugandans?
19. Mention any one way in which industrial growth can be a problem to the environment.
20. Give one political importance of mountains.
21. Why is Sir William Mackinnon remembered in the development of the transport sector in East Africa?
22. State the relationship between Mt. Rwenzori and Mt. Usambara.

SOCIAL STUDIES

23. Why were the people of East Africa easily defeated in their resistance against colonial rule?

24. Which Ministry in Uganda is directly responsible for decentralisation?

25. State one contribution of the Bachwezi to the agricultural development of Uganda.

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

26. Either: How is a Bible important to christians?

Or: How is Quran important to a Maslems?

27. Either: What did Jesus do to show love to people?

Or: What did Prophet Mohammed do to show love to people?

28. Either: Give one way in which God wants children to behave towards their parents.

Or: Give one way in which Allah wants children to behave towards their parents.

29. Either: How do people use their mouth to serve God?

Or: How do people use their mouth to serve Allah?

30. Either: Why do Christians give offertory in church?

Or: Why do Maslem pay zakat?

SECTION B

31. The table shows the climate of certain place. Study it and answer the questions that follow:

Months	J	F	M	A	M	J	J	A	S	O	N	D
Temp.(°C)	21	24	28	31	37	23	36	25	26	27	24	22
Rainfall(mm)	0	0	3	11	69	117	206	310	142	13	0	0

- a) Which is the wettest month of the year?
- b) How much rainfall was received in September?

- c) What was the temperature range?

- d) Mention any one activity farmers can do in the months of January and February.

- 32.(a) Give any one characteristic of an ethnic group.

- b) State any two problems faced by ethnic groups during migration.

i)

ii)

- c) Give any one effect of ethnic migrations.

Study the sketch map and answer the questions that follow.



33. (a) What is the direction of town T from town S?

b) Using the scale 1cm = 50km. Find the actual distance between the two towns which are 6.5 cm apart.

c) What shows that Lake marked A is at a higher altitude than lake marked B.

d) Name the waterfall marked Q.

34. a) Mention any two ways a country benefits from trading with other countries.

i)

ii)

b) Name any two symbols of the East African Community.

i)

ii)

35. a) Apart from providing water for irrigating crops, state any two other importance of multi purpose river projects.

b) Give any two advantages of irrigation farming.

i)

ii)

36. (a) Which was the first group of Europeans to occupy the coast of East Africa?

b) Give any two reasons why the above mentioned group were interested in the coast of East Africa.

i)

ii)

c) How did the Europeans mentioned in "a" above contribute to the economic development of Kenya?

37. a) Give any two means of communication that were used by people of long ago.

i)

ii)

b) State any two disadvantages of traditional means of communication.

i)

ii)

38. a) Mention any two economic activities carried out in the Island districts of Uganda.

i)

ii)

b) State any two problems facing the island districts.

i)

ii)

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

39. Either: (a) Who ordered for the killing of the Uganda Martyrs?

b) Why did the person mentioned above order for the killing of the Uganda martyrs?

c) Who was the first Christian Martyr according to the Bible?

d) What lesson do we learn from the Uganda Martyrs?

Or: (a) Who ordered for the killing of the Uganda Martyrs?

b) Why did the person mentioned above order for the killing of the Uganda Martyrs?

c) Who was the first Moslem Martyr according to the Quran?

d) What lesson do we learn from the Uganda Martyrs?

40. Either: (a) Give two ways in which a Christian child can avoid committing sin.

i)

ii)

b) State any two effect of committing sin.

i)

ii)

Or: (a) Give any two ways in which a moslem child can avoid committing sin.

i)

ii)

b) State any two effects of committing sin.

i)

ii)

ENGLISH ANSWERS TO ISSUE 11 (30TH MAY 2024)

1. duster
2. butcher's
3. than
4. to
5. how
6. prettier
7. laid
8. clearly
9. polled
10. French
11. thrice
12. sight
13. tourists
14. cashier
15. exact ,example ,excavate, extract,
16. intake, intensive, internal, intestine
17. brother in-law
18. syllabus
19. A teacher is as important as a teacher
- 20.
21. Impossible
22. Lioness
23. senior
24. can not
25. February
26. and 27) consider usage
- 27.
28. hardworking

29. palace
30. hawkers
31. Hassan is polite, but Abbas is rude
32. Banana fibers are used by the boys to make balls
33. Even though Jemima had a thimble on her thimble, she cut her fingers.
34. Twenty tables were repaired by the carpenter.
35. We shall get holidays in September, shan't we?
36. Twins have been given birth to by our headmistress.
37. The dictionary gives not only meanings of words but also classes of words.
38. You should not dock cows because it hurts them
39. Whenever she borrows my text books, she doesn't keep it well.
40. Never share sharp objects if you want to avoid HIV/AIDS.
41. a) Money is talked about in the poem
- b) People go to sleep at mid night
- c) Lazy people are poor
- d) Ketty Lubyayi is the writer of the above poem
- e) There are four stanzas in the poem
- f) Husbands sweat to get money

- g) Money makes children bosses
- h) Wives struggle for money
- i) great awesome
- ii) Cousc make
42. a) Rural areas have more cases of teenage pregnancy
- b) Teenage pregnancy occurs when girls of 13- 19 years conceive.
- c) Teenage get the gifts they desire in exchange for sex.
- d) Some parents force their daughters to marry when they are teenagers so as to get dowry.
- e) United Nations Population Fund is helping to stop teenage pregnancy.
- f) Early involvement in sexual activities cause teenage pregnancy
- g) Some teenagers try to abort so as to get rid of unwanted pregnancies
- h) Conceive get pregnant
- Dowry bride price
43. a) . Good morning , Kiwafu
- b) . How was the match?
- c) Which team won the match?
- d) How many goals did you score?
- e) Who scored the lone goal?
- f) That means, your school will be playing in the semi-final

- g) When will the semi-final take place?
- h) Where will the teams meet?
- i) When will the finals be held?
- j) Do you expect to reach the finals?
44. Write a personal letter to a friend, tell him /her how spent the first term holiday h/ how you prepared for the beginning of second term
- A sample letter
- Greenwoods Primary School
- P.O. Box 4073
- Mukono
- 3rd June 2024
- Dear Faith,
- Hopefully you are back to school and quite fine
- I have written to inform you that I had the best holiday ever. I was able to complete my holiday package in time. Mummy allowed to visit my cousin, Gipiri and Labongo in Moroto. We climbed mountain Moroto together and we also grazed and milked cows.
- I have bought all the school requirements in preparation for second term
- Your friend,
- Mercy.