THE SIPRO BEGINNING OF TERM III EXAMINATIONS 2024

SUBJECT : MATHEMATICS

CLASS : PRIMARY SIX

DURATION : 2 hours 30 minutes

Name: _____

School: _____

District: _____

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. This paper has two sections: A and B.
2. Section A has 20 questions (40 Marks)
3. Section B has 12 questions (60 Marks).
4. Attempt all questions in both sections. All answers to both sections A and B must be written in the spaces provided.
5. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in pencil
6. Unnecessary alteration of work will lead to loss of marks
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated.

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14.	Fill in the missing numbers below; 64, 49, 36, 25, ____, ____	15.	Kato is 27 years old. Agatha is 8 years less than Kato. Find their total age.

16. Work out: $1\frac{1}{4} \times 2\frac{2}{5}$

17. Use a ruler, a pencil and a protractor to measure angle ABD.

18.	Find the number which when divided by 12 or 15 leaves zero as a remainder.	19.	John has 40 US dollars. How much money in Uganda shillings is he having if 1 US dollar costs Ug. sh 3,600?

20. Andrew bought 7 apples at sh. 6,300. How much did he pay for ten similar apples?
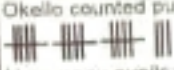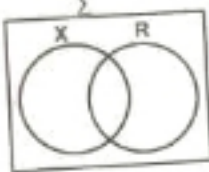
8.	**Work out:** 375.62 + 7.8.

9.	Okello counted pupils without school uniform and represented them as:

‖‖‖ ‖‖‖ ‖‖‖ ‖‖

How many pupils were without school uniforms?

10.	Find the value of q. $3 + q = 12$.	11.	Expand **3092** using powers of ten.

12.	Shade set X complement in the Venn diagram below.

$$\Sigma$$

X   R

13.	Mr. Matovu bought 29.376kg of peas on Monday and 8.953kg on Tuesday. How many kg did he buy altogether?

SECTION B: 60 MARKS

Marks for each part of the question are indicated in the brackets.

21. Study the triangle below and answer the questions that follow.
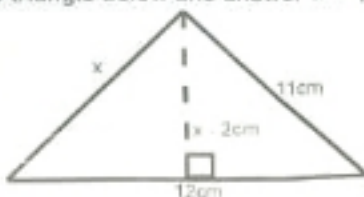
(a) If the perimeter of the triangle above is 30cm, find the value of x. (03 marks)

(b) Calculate its area (03 marks)

22. Obote went to the shop and bought the following items as shown in the table below:

(a) Complete the table below (05 marks)

Item	Quantity	Unit cost	Total cost
Rice	2 kg	Sh. 5,500 per kg	Sh. _____
Beans	4 kg	Sh. _____ per kg	Sh. 12,000
Salt	_____ packets	Sh. 2,000 per pkt	Sh. 6,000
Sugar	$1\frac{1}{2}$ kg	Sh. 6,000 per kg	Sh. _____
	Total bill		Sh. _____

(b)	If he had sh. 50,000, find his change.	(01 mar
23.a)	Write **41,219** in words.	(02 mark
(b)	Find the difference between the value of 4 and value of 2 in the nume above.	(03 mar
24. (a)	Miiro scored the following marks in Science tests: 80, 60, 70, 65 and Calculate his modal mark.	(02 ma

(b)	Find the median mark. (01 mark)	(c)	Work out his mean mark. (03 mar

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| 25.	Nalongo shared sh. 180,000 among her three sons: Wasswa, Kato and Kiiza in the ratio of 2:3:4 respectively.	
(a)	Find how much each child got.	(03 marks)
(b)	How much more did Kiiza get than Wasswa?	(02 marks)
26.a)	Simplify: $5 \times 12 + 4 + 6$	(02 marks)
(b)	A factory produced 325 crates of soda in a day. If each crate contains 24 bottles, how many bottles did it produce in a week?	(03 marks)

27. a) Find the sum of even numbers between 20 and 30. (02 marks)	(b) The sum of three consecutive counting numbers is 36. Find the numbers. (03 marks)

28. In a class of 51 pupils, 28 drank Mirinda (M), 29 drank Pepsi (P), n drank both Mirinda and Pepsi while 6 did not drink any of the two types of soda.

(a) Use the information above to complete the venn diagram. (02 marks)

$n(\Sigma) = 51$

$n(M) = 28$ $n(P) = 29$

n

6

(b) Find the value of n. (02 marks)	(c) Work out the number of pupils who drank one type of soda only. (02 marks)

29.a) Solve for g: $2g - 7 = 5$. (02 marks)	(b) Bukenya is K years old. Tom is 4 times as old as Bukenya. If their total age is 30 years, how old is Bukenya? (02 marks)

30.	Using a ruler, a pencil and a pair of compasses only, construct a square PQRS in a circle of radius 4cm. (04 marks)

31.a) Work out $^-4 + ^-7$ using the number line below. (03 marks)

(b) Onyango moved 4 steps backwards, then 9 steps forward and lastly 6 steps backwards. What is his final position? (03 marks)

32. The graph below shows the journey made by a taxi driver from Kampala to Mbarara via Masaka. *Study and use it to answer the questions that follow.*
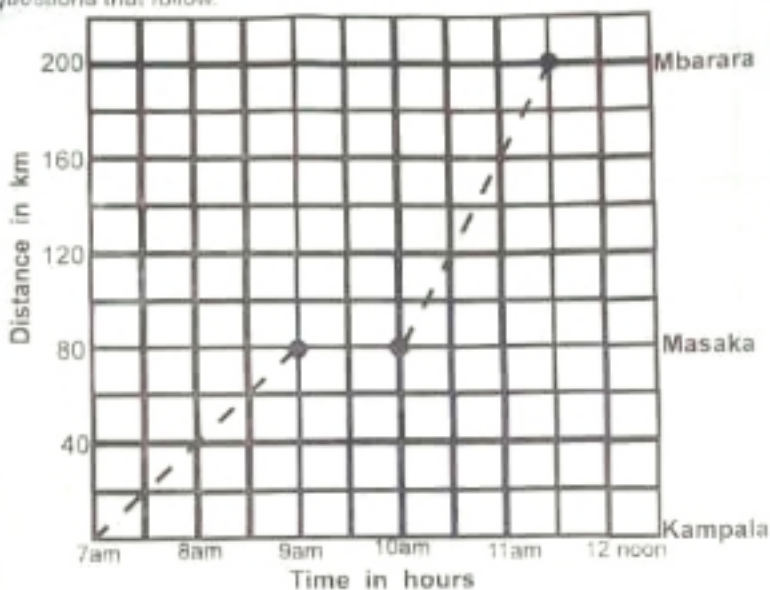
(a) At what time did the taxi arrive in Masaka? *(01 mark)*

(b) For how long did the taxi driver rest? *(01 mark)*

(c) Calculate the average speed for the taxi driver while travelling *(02 marks)*