

THE SIPRO END OF TERM III EXAMINATIONS - 2022

SUBJECT : MATHEMATICS

CLASS : PRIMARY FIVE

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:

"FOR EXAMINER'S USE ONLY"

For Examiner's Use Only:

PAGES	MARKS	INITIALS
Page 1		
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Total		

Please turn over

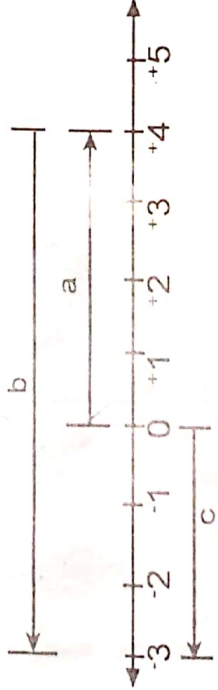
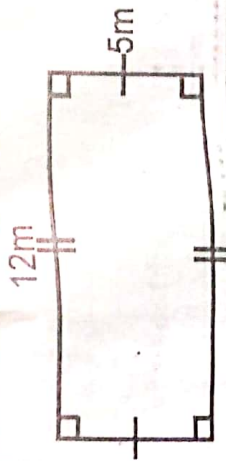


THE SIPRO EDUCATIONAL SERVICES LIMITED - KAMPALA

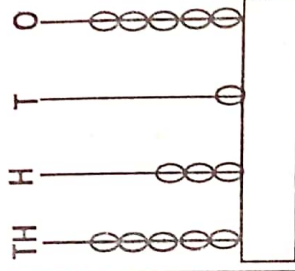
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SECTION: 40 MARKS

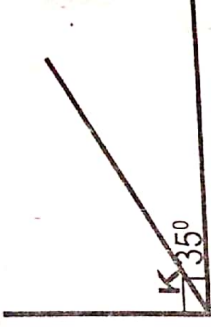
Attempt all questions in this section
Questions 1 to 20 carry two marks each

1.	<p>Add: $\begin{array}{r} 36 \\ +42 \\ \hline \end{array}$</p>	2.	Write 3,794 in words.
3.	Use a ruler, a protractor and a pencil only to draw an angle of 60° .	4.	Change 5,000gm to kg.
5.	Find the LCM of 6 and 9.	6.	Set $X = \{2, 4, 6, 8\}$ and $Y = \{4, 6, 8, 9\}$ Find $n(X \cap Y)$
7.	<p>Write down the mathematical addition statement for the number line below.</p> 		
8.	<p>Subtract: $\begin{array}{r} 342 \\ -214 \\ \hline \end{array}$</p>	9.	A forty minute lesson started at 8:40am. When did it end?
10.	<p>Calculate the perimeter of the rectangle below.</p> 		

11.	Work out: $2 + \frac{1}{3}$	
12.	Solve for X: $X - 7 = 12$.	13. Find the mean of 7, 3 and 5.
14.	3 books cost sh.1,800. How much will two books cost at the same rate?	
15.	Find the next number in the sequence: 1, 3, 6, 10, 15, _____	16. Musa walked 12km in 2 hours. What was his speed?
17.	Joanah is 13 years old, How old will she be in 8 years time?	18. Write the number shown on the abacus below.



19.	Arrange -3, +2, 0 and -5 in ascending order.	20.	Calculate the size of angle K .
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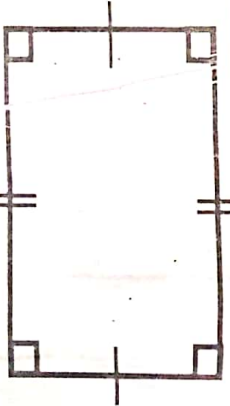
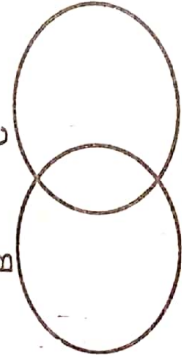


SECTION B: 60 MARKS

Attempt all questions in this section.

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

21.	<p>Akram ate $\frac{4}{9}$ of the sugarcane at breaktime, $\frac{3}{9}$ of it at lunch time and the remaining at supper.</p> <p>a) Find the total fraction he ate at break and lunch times.</p> <p>b) What fraction of the sugarcane did he eat at supper?</p>	(02Marks)
22.	<p>There are 20 classrooms in school A. 15 of the classrooms have 40 pupils each and If the remaining five classes have 225 pupils altogether;</p> <p>a) Find the number of pupils in 15 classes.</p> <p>b) Work out the total number of pupils in the school.</p>	(02Marks)

23a)	Draw and show folding lines of symmetry in the square below.		(02Marks)
b)	Monica was facing north direction, she turned 135° clockwise. Find her new compass direction.		(02Marks)
c)	Angle Y and 130° are on a straight line. Find the size of angle y in degrees.		(02Marks)
24.	<p>a) Given that $B = \{a, b, c, d, e\}$ set $C = \{a, e, i, o, u\}$ Represent the above information on the venn diagram below.</p> <p>b) Find B-C</p>		(03Marks)
			(03Marks)
25 a)	Change 31_{five} to base ten.	b)	What is the difference of the value of 3 and value of 9 in 5392?
	(01Mark)	(02Marks)	(03Marks)



















26.a)	Find the missing number. $\square \div 5 = 4$	b)	I think of a number, subtract 5 from it, the answer is 14. Find the number.
27.	<p>A BCD is a right angled trapezium. Use it to answer the questions that follow.</p>		(03marks)
a)	Find the perimeter of trapezium ABCD.		(02marks)
b)	Calculate the area of the rectangle M.		(02marks)
c)	Work out the area of triangle N.		(02marks)



28.

The picto graph below shows the number of apples sold by a supermarket attendant in a week.

Day	Number of apples
Monday	    
Tuesday	    
Wednesday	
Thursday	    

Key,
 = 4 apples

a) How many apples did the trader sell on Tuesday?

(02marks)

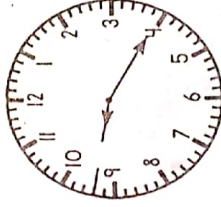
b) If the supermarket sold 12 apples on Wednesday, find and draw picto symbols sold on that day.

(02marks)

c) On which day of the week did the supermarket attendant sell 24 apples?

(01mark)

29 a) What morning time is shown on the clock face below?



(02marks)

b) A motorist driving at speed of 60km/h took 5hours to cover a journey from Kampala to Mbarara. Find the distance between Kampala and Mbarara.

(02marks)



30.	<p>Mr. Golola bought two hens at sh.30,000. If he sold each hen at sh.20,000, how much did he get after selling?</p> <p>(03marks)</p>	
b)	<p>Find the profit he made.</p> <p>(02marks)</p>	
31.a)	<p>Simplify: $-3 + +7$</p> <p>(02marks)</p>	<p>b)</p> <p>The temperature in Kampala was -8°C in the morning and 27°C in the afternoon. What was the difference in the temperature?</p> <p>(02marks)</p>
32.	<p>PQRS is a rectangle made up of two equal circles of radius 7cm.</p> <div data-bbox="1120 478 1411 1005" data-label="Image"> </div> <p>(02marks)</p>	
a)	<p>Find the diameter of each circle</p> <p>(02marks)</p>	
b)	<p>Work out the:</p> <p>i) length of rectangle PQPS.</p> <p>(02marks)</p>	
	<p>ii) width of a rectangle PQRS.</p> <p>(02marks)</p>	