## THE SIPRO MID-TERM II EXAMINATIONS 2023

SUBJECT

MATHEMATICS

CLASS

PRIMARY SIX

**DURATION:** 

2 hours 30 minutes

Name						
School		1	1 1	48.24	J. 13. Year	Ago più markid
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).
- Attempt all questions in both sections. All answers to both sections A and B must be written in the spaces provided.
- All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in pencil.
- Unnecessary alteration of work will lead to loss of marks.
- 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	**************************************	MICH!
Page 5		
Page 6		
Page 7	H = 1-20x = 20	
Total		acid-year

Please turn over



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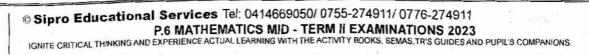
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11	Work out; hours min 5 35 + 4 40	12	Express 4.5 m to centimeters.
13	Subtract; 321 <sub>five</sub> - 24 <sub>five</sub> .	14	Given that set K={smart,phone,TV}. List all the subsets of set K.
15	Peter scored the following points in a game; 5,-2,0,-7,6,3.  Arrange the points he scored in ascending order.	16	Amuduka is 13 years younger than Nakibuka.If the total of their age is 37; find Nakibuka's age.
17	Express 3/4 as a decimal number.	18	Find the next <b>two</b> numbers in the sequence below. 4, 6, 8, 9, 10, 12,,
19	The clock face below shows the <b>morning time</b> the farmer takes his goats for grazing. <b>Tell</b> the time .	20	Find the supplementary angle of 110°







	SECTION A: 40 MARKS					
Questions 1 to 20 carry two marks each						
1	Work out: 23 x 3	2	Write 67 in Roman numerals.			
3	Given that set W={1,3,6,10,15}; set K={1,2,3,4,5,6,7}. Find <b>n(WNK)</b> .		Show -4 on the number line below.   The show of the number line below.			
5	A book costs <b>sh 500</b> more than a pen. Find the cost of a pen ,if their total cost is <b>sh 2500</b> .	6	Wahata counted children in class as ## ## ## ## ## ## ## ## ## ## ## ## ##			
7	Work out; $\frac{2}{3} - \frac{1}{5}$	8	Find the <b>value</b> of a; If $a^2 = 36$ .			
9	Wandera bought 4 phones at sh158,000. What is the cost of each phone at the same rate?	10	Using a pair of compasses, a ruler and a pencil, construct an angle of 90°.			



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IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TR'S GUIDES AND PUPIL'S COMPANIONS



24	Namuyomba went shopping and bought some items as follows.
	$2_{\frac{1}{2}}$ kg of <b>sugar</b> at sh.4000 a kg.
a)	3 loaves of <b>bread</b> at <b>sh.15000</b> 5 liters of <b>milk</b> at <b>sh.2000</b> a litre. 5 teacups at <b>sh.5000</b> each cup. Calculate Namuyomba's <b>total</b> expenditure.
b)	The state of the s
	how much money did she go with?
25a)	(02 marks) With the help of a ruler, a sharp pencil and a pair of compasses
	only, construct a <b>regular hexagon</b> in a circle of diameter <b>5cm</b>
	(03 marks)
b)	Find its perimeter.
	[10] [14] [14] [15] [16] [16] [16] [16] [16] [16] [16] [16
	그러나 얼마 그림 그림으로 그는 그들이 그렇게 그렇게 되었다. 그 생생님은 생생님은 사람들이 되었다.



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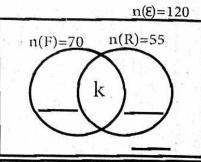




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SECT	I TIME		En	$nn \wedge$	ULC
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Marks for each part of the question are indicated in the brackets

In the village meeting attended by **120** people, **70** people took Fanta(F), **55** people took Rwenzori(R) while **20** took some other brands of soda and **k** people took both. **Complete** the venn diagram using the above information.



(03 marks)

b) Find the **value** of **k**. C) How many people took **only** one drink?

(02 marks)

(01 mark)

22a) Simplify; 3 - 6

b) From the top of the pit dug, a builder moved downwards 8 steps and later moved 6 steps upwards. What is his current step?

(02 marks)

(03 marks)

23a) Round off **7.678** to the nearest hundredths.

b) **Work out**; 0.25 x 0.

(03 marks)



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(02 marks)

a) Which day of the week had the highest temperature recorded?  What was the lowest temperature recorded?  b) What was the lowest temperature recorded?  c) Which days had the same temperature recorded?  d) Calculate the average temperature recorded.  (01 mark)  (01 mark)  (01 mark)  (02 marks)  The figure below is an isosceles triangle. Use it to answer the questions that follow.	29	The graph below shows the average temper	erature recorded in
a) Which day of the week had the highest temperature recorded?  (01 mark)  What was the lowest temperature recorded?  (01 mark)  (01 mark)  (01 mark)  (01 mark)  (01 mark)  (02 marks)  The figure below is an isosceles triangle. Use it to answer the questions that follow.		Tomerent days of the week.	
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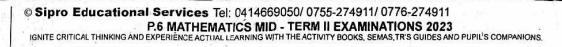
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26a)	A man covered a distance of 120km in 2 hours. Calculate the speed at which he was moving.	b)	Touzako left home at 8:30 am travelling at speed of 80km/h and reached town at 10:30 am. What distance did he cover?
1 2 2	(02 marks)		(03 marks)
27a)	Simplify; 2a +2a -a.	(b)	Solve; 3w-6 =18  (02 marks)
	Represent two thousand five hundred seventy six on the abacus below.  TH H T O	b)	What is the <b>sum</b> of the value of 6 and the place value of 4 in <b>76524?</b>
	(02 marks)	)n	(02 marks)







a)	Calculate its area.	b)	If Jockus moved round the figure twice, what distance did he cover?
	(02 marks)		(02 marks)
31a)	Work out; 78625 +94563	<i>b</i> )	Share 135 oranges by 3 boys.
22-1	(02 marks)		(02 marks)
32a)	When 3 unknown consecutive even numbers are added, their answer is 42. What are the numbers?	b)	Calculate the <b>product</b> of the first and the second numbers in "a" above.
	(04 marks)		(02 marks)



