THE SIPRO END OF TERM II EXAMINATIONS 2023

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"

Please turn over

SEMAS | Simplified Learning Today

SECTION: 40 MARKS
Attempt all questions in this section
Questions 1 to 20 carry two ma...

1.	Given that set: $P = \{a, x+1, 4, 0.5\}$. Find $n(P)$	2.	Use $>, <$ to complete the statement: 300cm_____2m.
3.	Work out: $\dfrac{3}{4} \div \dfrac{1}{2}$	4.	Find the **LCM** of 4 and 7.
5.	**Show** the line of folding symmetry in the figure below. 	6.	A woman went for the road work at **7:05am** and returned at **8:15 am**. How long did the road work take?
7.	Round off **7892** to the nearest hundreds.	8.	A book costs **thrice** the cost of a pen. If a boy paid sh. 2,400 for a pen, how much is a book?
9.	A farmer had some eggs. If he collected **182** more eggs from the bird's house, he then has **500** eggs. How many eggs did he have in the beginning?	10.	The table below shows the marks got by different pupils. **Complete** it correctly.

Table for question 10:

Marks	No of pupils	Tallies
40	_____	卌 |||
80	**1** 5	卌 卌 卌	
70	_____	卌 ||

11.	Work out; $\begin{array}{r} 9748 \\ +4673 \\ \hline \\ \hline \end{array}$	12.	Given that set; P∪Q= {1,2,3,4,5,6,7,8,9,10} P∩Q= {2,4,6,8,10}. If set **Q** only = {1,3,5,7} find set **P** only.
13.	Amongi ate $\frac{3}{4}$ of an orange. Express her fraction as a decimal.	14.	Find the distance round the figure below. 8cm, 7cm, 2cm
15.	Think of a number, add 2 to it, the result is **12**. What is the number?	16.	Show 20 minutes past 4 using clock hands.
17.	Using a pair of compasses, a ruler and a pencil, construct an angle of 90°.	18.	Write 20,046 in words.
19.	Complete the sequence below; **6, 10, 15, 21,** ___ , ___	20.	Write the movement of a baby shown by the arrow on the number line. X -3 -2 -1 0 1 2 3 4 5 $X =$

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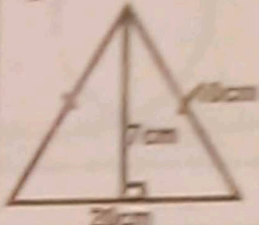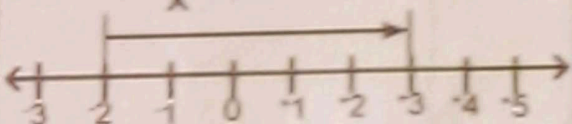
IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, IDEAS, TIPS GUIDES AND PUPILS COMPANIONS.

SECTION B: 60 MARKS
Attempt all questions in this section.
Marks for each part of the question are indicated in the brackets

21. a)	Given that set $S=\{a,b,d,e,f,g,h,k,l,m\}$ set $R=\{c,d,e,f,g,i,j,k,y,z\}$ put the information on the venn-diagram.
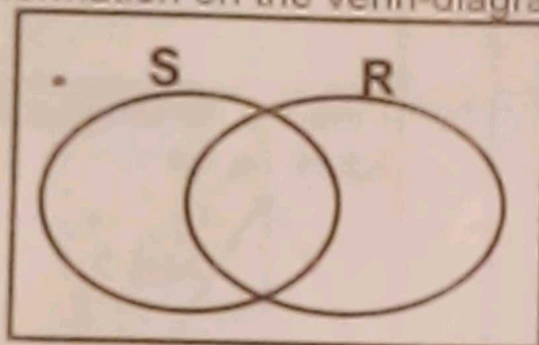
(03Marks)

b)(i)	Find set $S \cap R$	ii)	$n(S \cup R)$

(01Mark)

(01Mark)

22	In a sports team, there are 66 participants; $\frac{3}{6}$ play netball, $\frac{2}{6}$ participants play **football** and the rest play **volleyball**.
a)	Find the **remaining** fraction.

(02Marks)

b)	How many **participants** play football?	c)	How many more participants play netball than volleyball?

(01Mark)

(02Marks)

23 a)	A man covered a distance of 120km in 2 hours. Calculate his speed. (02Marks)	b)	What distance did Kayinda cover if he travelled at a speed of 75km/h for **2 hours**? (02Marks)
24 a)	Find the **LCM** of 6 and 7 (02Marks)	b)	Calculate the **GCF** of 12 and 8. (02Marks)

**25** A father went for shopping over the weekend with the shopping bill shown below;

a) Complete the table below.

Item	Qty	Unit cost	Amount
Sugar	2kg	sh.5,000	sh;_____
Rice	2kg	_____	sh8,800
Cooking oil	_____litres	sh.4,000	sh.8,000
Total expenditure			sh; _____

(04 Marks)

b) If they **reduced** the amount of money he was supposed to pay by **sh 1800**, how much did he pay?

(02 Marks)

26.	The bar graph below shows the farmers who did not grow particular crops. Study and use it to answer the questions that follow.

Crops grown
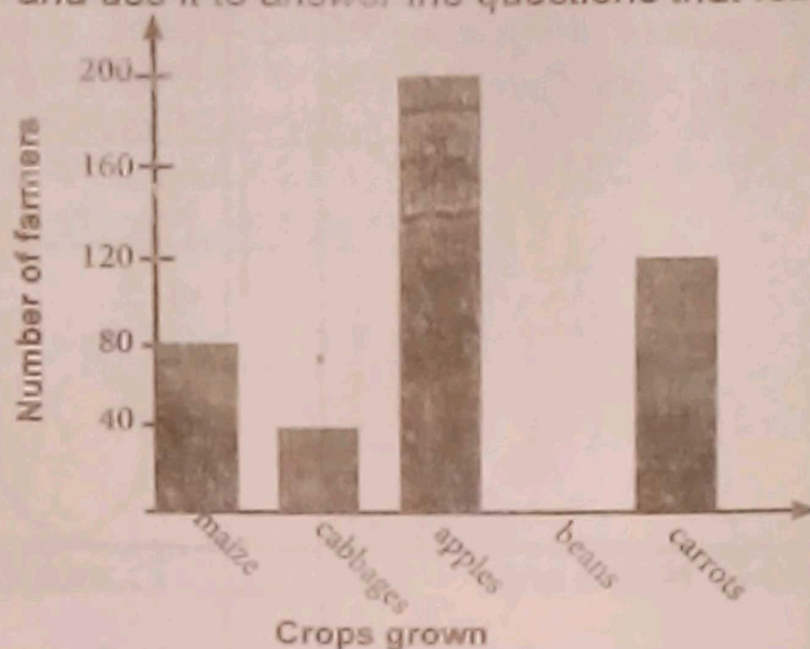
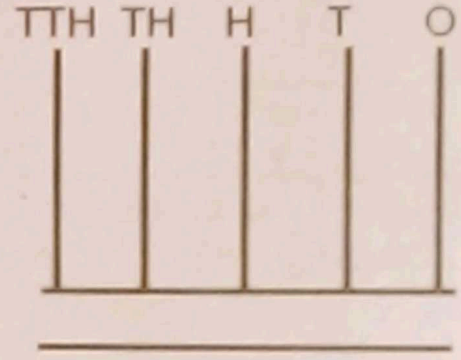|			
a)	Which crop was grown by all farmers? (01Mark)	b)	How many farmers grew cabbages? (01Mark)
c)	Which crop was not grown by all farmers? (01Mark)	d)	Find the **total** number of farmers who grew carrots, cabbages and beans. (01Mark)

27 a)	A rectangular compound measures **100m** by **60m**. Work out the **distance** round the compound. (02Marks)	**b)**	Find the size of the **area** of the compound. (02Marks)
28 a)	Expand **904,362** using values (02Marks)	**b)**	Represent 86, 453 on the abacus. TTH TH H T O (02Marks)
29 a)	Work out ; 0.25 + 4.2 (02Marks)	**b)**	Subtract **5.86** from 10.93. (02Marks)
30 a)	Find the **value** of **3** in the number 2341$_{five}$. (02Marks)	**b)**	Give the place value of 2 in the number 3240$_{five}$. (02Marks)

c)	Work out; $3\ 2\ 0_{five}$
	$-1\ 4\ 3_{five}$
	————
	(02Marks)

31 a)	Simplify; $6y + 5y - 3y$.	b)	Solve; $W - 3 = 11$
			(02Marks)
	(02Marks)		

32. a) Use a ruler, a pencil and a pair of compasses only to construct a rectangle ABCD where AB = 7cm and BC= 4cm.

(04marks)

b)	Find its area
	(02marks)