

THE SIPRO END OF TERM I 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"

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



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SECTION: 40 MARKS

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

1.	Name the geometric figure below. 	2.	Write 6,945 in words.
3.	Find the next number in the sequence: 5, 10, 15, 20, 25, ____	4.	Given that set $Q = \{\text{pen, pik, pin}\}$. How many elements has set Q ?
5.	Shade $\frac{2}{3}$ in the diagram below. 	6.	If  represents 10 boxes. How many boxes are represented by  ?
7.	Barbie had a rope of length 400cm . Express the length of the rope in metres .	8.	Find and fill in the missing number: $\frac{\square}{4} = 9$

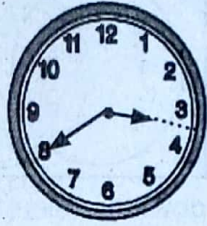
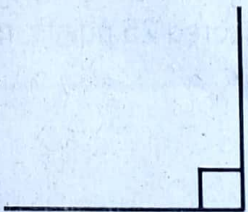


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P.5 MATHEMATICS END OF TERM ONE EXAMINATION - 2023

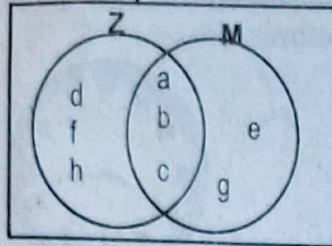
IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TR'S GUIDES AND PUPIL'S COMPANIONS.

1

9.	A company produced 467 cakes on Monday and 942 cakes on Tuesday. How many cakes were produced in the two days altogether?	10.	Tell the time on the clock face below.  _____
11.	Solve for Y: $Y + 13 = 33$	12.	Apio bought a watch at sh.50,000 and she later sold it at sh.60,000 . Find her profit
13.	Work out: $\begin{array}{r} 343 \\ \times 12 \\ \hline \end{array}$	14.	Convert $\frac{14}{8}$ to a mixed number.
15.	Round off 497 to the nearest tens.	16.	Name the drawn angle.  _____



17. Use the venn diagram below and answer question 17.



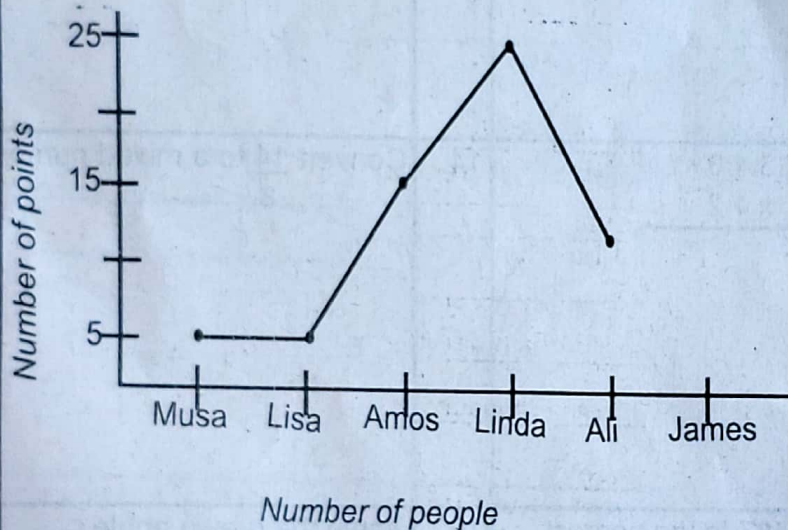
List down the elements of $Z - M$.

18. Work out: **weeks** **days**

$$\begin{array}{r} 5 \quad 3 \\ - 2 \quad 4 \\ \hline \end{array}$$

19. List the multiples of 6 between 4 and 39.

20. Study the line graph below, and complete.



James scored 25 points; represent it on the graph and complete.



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THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMA, 1 & 5 GUIDES AND PUPIL'S COMPANIONS.

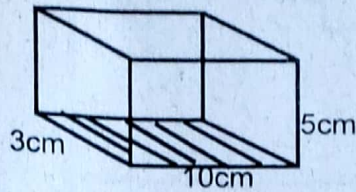
3

SECTION B: 60 MARKS

Attempt **all** questions in this section.

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

21. Study the **cuboid** below and use it to answer the questions that follow.



- a) Work out the area of the shaded part.
- b) Find the **volume** of the box in cubic centimeters.

(02Marks)

(03Marks)

- 22 a) How many days are in 5 weeks?

- b) Opio started digging at 8:00am and took 3hours. At what time did he stop?

(02Marks)

(02Marks)

23. Complete the shopping bill correctly.

Item	Quantity	Unit cost	Total cost
counter books	4 counter books	sh 5000	sh
fountain pens	_____ fountain pens	sh.2000	sh.8000
biscuits	2 packets of biscuits	sh.2500	sh.
sweets	10 sweets	sh.	sh.5000
Total expenditure.			sh._____

(05Marks)

24. a) Work out:

$$\begin{array}{r} \text{Km} \quad \text{M} \\ 2 \quad 700 \\ + 4 \quad 400 \\ \hline \end{array}$$

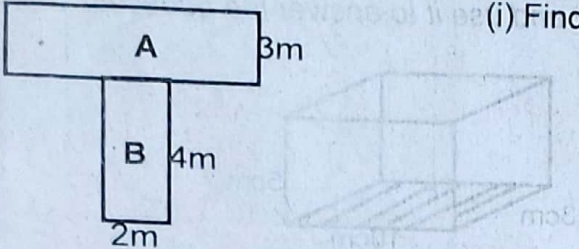
(02Marks)




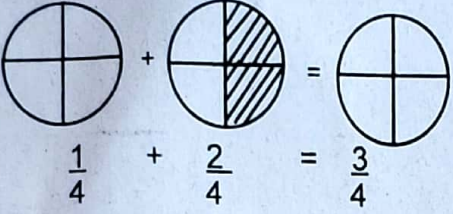
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IGNITE CRITICAL THINKING AND EXPERIENCE ACTUAL LEARNING WITH THE ACTIVITY BOOKS, SEMAS, TR'S GUIDES AND PUPIL'S COMPANIONS.

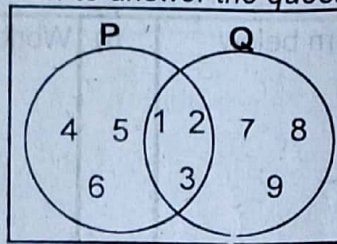
b)	Study the drawn shape.  (i) Find the area of A.	
	ii) Calculate the area of B.	iii) Find the sum of area of A and B.
25. a)	What is the value of 2 in 123_{five} ?	b) Write 103_{five} in words.
	c) Change 103_{five} to base ten.	
26. a)	Write in short: $3\text{cups} + 5\text{cups} - 2\text{cups}$.	b) Find and fill in the missing numbers. i) $\square \times 5 = 6$ ii) $27 \div \square = 9$



<p>27.a) Complete the pattern below correctly.</p>  <p>(02Marks)</p>	<p>b) Work out the G.C.F of 9 and 21.</p> <p>(02Marks)</p>
<p>28.a) Find the next two equivalent fractions of $\frac{3}{4}$</p> <p>(02Marks)</p> <p>b) Work out: $\frac{13}{15} - \frac{9}{15}$</p> <p>(02Marks)</p> <p>c) Shade correctly:</p>  <p>(02Marks)</p>	
<p>29. 4,7,9 are written digits on the cardboard,</p> <p>a) Form the smallest three digit number.</p> <p>(01Mark)</p> <p>b) Form the largest three digit number.</p> <p>(01Mark)</p> <p>c) Write the biggest number formed in (b) above in words.</p> <p>(02Marks)</p>	



30. Use the venn diagram below to answer the questions that follow.



a) List down the elements of set;

i) $P =$

(ii) $Q =$

(02Marks)

(02Marks)

b) Find $n(P \cap Q)$

(02Marks)

31.a) Using a ruler and a pencil only, construct an equilateral triangle PQR where $RQ = QR = RP = 5\text{cm}$.

(04Marks)

32. a) Write down the 2nd and 5th months of the year.

i) 2nd _____

(02marks)

ii) 5th _____

(02marks)

b) Work out:

years months

1 6

+2 9

(02Marks)



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

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