

THE SIPRO MID-TERM I EXAMINATIONS - 2024

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

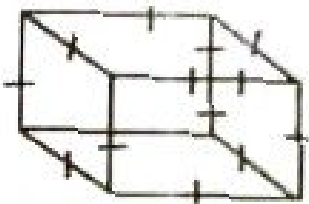
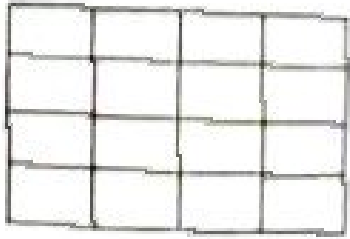


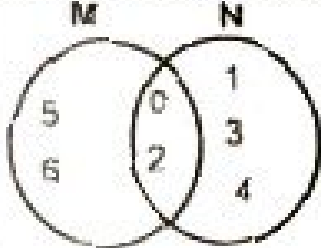


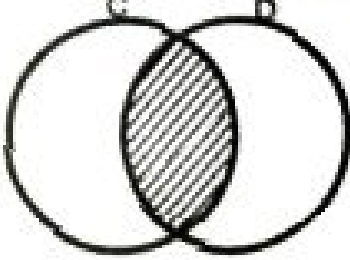
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SECTION A: 40 MARKS

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

Write the place value of the circled digit 7 4 9 3	2	Change 4 weeks to days
Work out: metres centimetres 1 0 6 2 + 4 2 0 _____ _____	4	Name the shape 
Share 264 oranges among 3 girls.	6	An article was sold at sh.24000 making a loss of sh.6000 What was the buying price of that article?
Complete the sequence below 90, 85, 80, 75, _____, _____	8	Shade $\frac{3}{4}$ of the figure below 

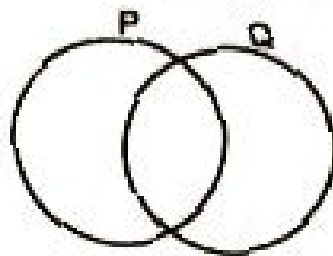
9.	Circle the odd numbers from the list below: 36, 20, 18, 19, 4, 5	10.	Use a protractor, a ruler and a pencil to draw an angle of 100°
11.	Find the missing number. $\square \div 5 = 10$	12.	Given the venn diagram below,  Find $M \cap N$.
13.	If  = 105 glasses, how many glasses are in  .	14.	What is the area of a square garden of side 12m?
15.	I think of a number, when I multiply it by 8, my answer is 56. What is the number I thought of?	16.	Describe the shaded region. 

22

Set $P = \{a, b, c, d, e, f, g, h, i\}$ $Q = \{a, e, i, o, u\}$

- a) Represent the information on the venn diagram below.

(03 marks)



Find,

- b) i) $P \cap Q$ (01 mark)

(ii) $Q - P$

(01 mark)

23.

Use the digits 7, 8 and 4;

- a) Form the **largest** three digit number that can be formed from the digits.

(02 marks)

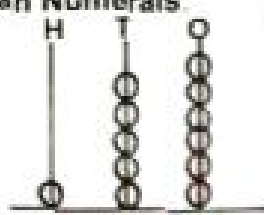
- b) Represent the largest number above on the abacus.

(01 mark)

- c) Expand the largest number formed above in (a).

(02 marks)

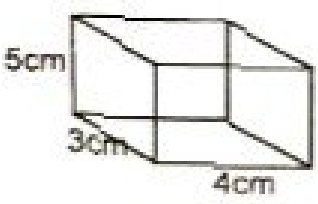


17.	Write the number on the abacus in Roman Numerals. 	18.	Add: $\frac{8}{12} + \frac{1}{12}$										
19.	How many five hundred shillings coins are in a five thousand shilling note?	20.	Work out: <table><tr><td>Hours</td><td>min</td></tr><tr><td>2</td><td>45</td></tr><tr><td>+3</td><td>30</td></tr><tr><td colspan="2"><hr/></td></tr><tr><td colspan="2"><hr/></td></tr></table>	Hours	min	2	45	+3	30	<hr/>		<hr/>	
Hours	min												
2	45												
+3	30												
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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.	Given the figure below, <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;">  </div> <div style="margin-left: 20px;"> <p>(a) Name the figure. (01 mark)</p> <hr style="width: 200px; margin-left: 0;"/> </div> </div> <p>b) The figure has.</p> <div style="display: flex; justify-content: space-between;"> <div> <p>i) _____ faces (01 mark)</p> <p>ii) _____ edges. (01 mark)</p> </div> <div> <p>c) Find the volume of the figure above (02 marks)</p> </div> </div>
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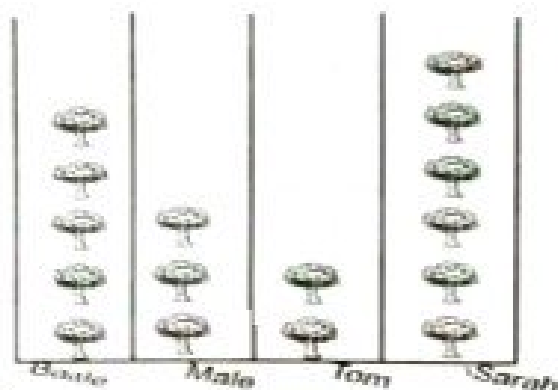


24.	<p>A woman visited a shop that had the price list below:</p> <p>1 kg of sugar at sh.6000</p> <p>A bar of soap at sh.5500</p> <p>A book at sh. 2500</p> <p>A packet of salt sh.1000</p> <p>a) Which is the most expensive item? (01 mark)</p> <p>b) How much will one pay for 2 bars of soap and a packet of salt? (02 marks)</p> <p>c) If she went with a 20,000 shilling note and bought all the items, what was her change? (02 marks)</p>													
25. a)	<p>Find the difference between 7043 and 4998. (02 marks)</p>	<p>b) On a poultry farm, there are 500 layers. If each bird lays an egg a day. How many eggs will the farmer have in 30 days? (02 marks)</p>												
26. a)	<p>Subtract:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: right;">weeks</th> <th style="text-align: right;">days</th> <th></th> </tr> </thead> <tbody> <tr> <td style="text-align: right;">7</td> <td style="text-align: right;">4</td> <td></td> </tr> <tr> <td style="text-align: right;">- 4</td> <td style="text-align: right;">6</td> <td style="border-top: 1px solid black;"></td> </tr> <tr> <td></td> <td></td> <td style="border-top: 1px solid black;"></td> </tr> </tbody> </table> <p style="text-align: right;">(02 marks)</p>	weeks	days		7	4		- 4	6					<p>b) Convert 360 days to months if each month has 30 days. (02 marks)</p>
weeks	days													
7	4													
- 4	6													



31.

The graph below shows farmers who planted trees. Study and use it to answer the questions that follow.



1 tree icon = 100 trees.

- How many trees were planted by Baale? (01 mark)
- How many more trees were planted by Sarah than Male? (02 marks)
- Who planted the least number of trees? (01 mark)

- Construct a rectangle **ABCD** where **AB = 6cm**, **BC = 4cm** using a ruler, a pencil and a pair of compasses. (04 marks)

- Measure diagonal **AC**. (01 mark)

