

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		

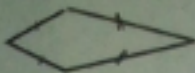
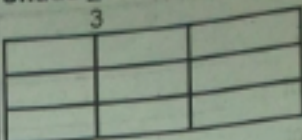
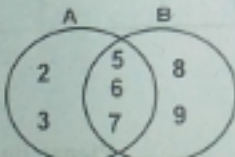
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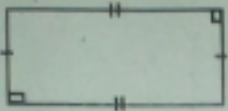
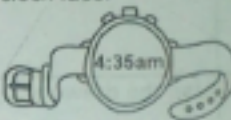
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SECTION: 40
Attempt all questions in this section
Questions 1 to 20 carry two marks each

1.	Name the shape: 	2.	Solve for b: $\frac{b}{2} = 13$
3.	Express 53 as Roman Numerals	4.	Shade 2 of the diagram 
5.	Calculate the area of a square of side 8m.	6.	Find the sum of the third and fifth odd numbers.
7.	Draw an intersection symbol in the space provided.	8.	Work out the product of 123 and 4.
9.	Find the number of elements in set (A - B). 	10.	Work out the H.C.F of 8 and 12.



11.	Draw tally symbols to represent 19.	12.	Tibara had sh. 4700 and Mukibi had also sh. 6500. Find the sum of money the two had.
13.	Draw all the missing right angles in the rectangle below. 	14.	Work out: weeks days 6 2 - 2 5 ----- -----
15.	Change 104_{ten} to base ten.	16.	Tell the morning time shown on the clock face.  It is _____ minutes to _____ o'clock in the morning.
17.	A school truck had 24 litres 800 ml. The driver fuelled more 15 litres 600ml. Work out the sum of the fuel after fuelling.	18.	3 books cost sh. 2700. Find the cost of a book at the same rate.
19.	What is $\frac{3}{4}$ of 36? 4	20.	Write in short form: 12 huts + a hut - 10 huts



SECTION B: 60 MARKS

Attempt all questions in this section.

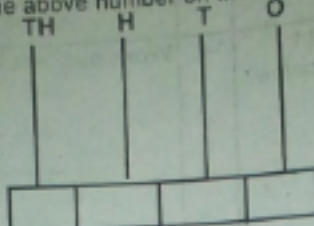
Marks for each part of the question are indicated in the brackets

21.

Given that: $3000 + 500 + 70 + 4$

- a) Find the number that was expanded. (02Marks)

- b) Show the above number on the abacus.

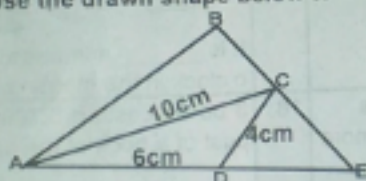


- c) Round off the above number in "a" to the nearest hundreds. (02marks)

(02Marks)

22

Use the drawn shape below to answer the questions that follow.



- a) How many triangles has the diagram?

- b) Draw a line segment AD accurately in the space below. (02Marks)

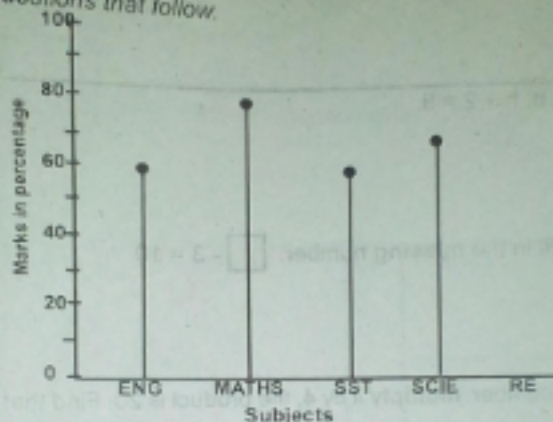
(02Marks)



- 23 a) Find the next number in the sequence.
12, 15, 17, 20, 22, ... (02Marks)

- b) Work out the square of 36. (02Marks)

24. The graph below shows marks scored by John in Beginning of term one Examinations 2023. Study and use it to answer the questions that follow.



- a) Which subject did John score 80%? (01Mark)

- b) If John scored 50% in Religious Education (RE), draw a line on the graph to represent his score. (02Marks)

- c) Work out his total marks in the five subjects. (02Marks)



25. a) Name the feature on a five thousand shilling note.

(02Marks)

b) A trader sold a belt at sh. 40,000 and made a profit of sh. 5000. How much did he buy the belt?

(02Marks)

26 a) Solve for h: $h + 2 = 9$

(02Marks)

b) Find and fill in the missing number. $\square - 3 = 10$

(02Marks)

c) I think of a number, multiply it by 4, the product is 20. Find that number.

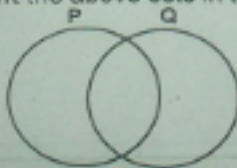
(02Marks)

27 Given that:

Set P = {2, 3, 5, 6, 7}

Set Q = {4, 6, 7, 9}

a) Represent the above sets in the venn diagram below.



(03Marks)



b)	Find set $(P \cup Q)$		(02 Marks)								
28 a)	Given the number 2 3, 9 4, state the place value of 9 and 4.										
b)	Find the value of 9 in the above number.										
29. a)	Change 240 minutes into hours.	b)	<table border="1"> <thead> <tr> <th>Years</th> <th>Months</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>7</td> </tr> <tr> <td>- 2</td> <td>9</td> </tr> <tr> <td colspan="2"><hr/></td> </tr> </tbody> </table>	Years	Months	4	7	- 2	9	<hr/>	
Years	Months										
4	7										
- 2	9										
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30. a)	Use a ruler, a pencil and a pair of compasses only to construct a square of sides 5cm.										
	(04marks)										



b) Calculate its area.

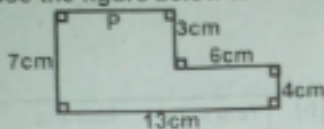
(02marks)

31. a)	Work out: $13 - 12 + 8$
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b)	Divide 666 by 9.
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(02marks)

32.	Use the figure below to answer the questions that follow.
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a) Find the value of P.

(02marks)

b)	Calculate the distance round the figure.
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b)	Work out its area.
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(02marks)

(02marks)