



THE **PRIME EXAMINATIONS** 2023
PRIMARY FOUR MID TERM III
MATHEMATICS

Time allocated 2 hours 30 minutes



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READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. This paper has **two** sections: **A** and **B**. Section **A** has **20** questions (**40 Marks**) and Section **B** has **12** questions. (**60 Marks**)
2. Answer **ALL** questions. All the working for both sections **A** and **B** must be shown in the spaces provided.
3. All working **must** be done using a **blue** or **black** ball point pen or ink. Any work done in pencil other than on graphs and diagrams will **not** be marked.
4. No **calculators** are allowed in the examination room.
5. Unnecessary changes in your work and handwriting that cannot be read easily may lead to **loss of marks**.
6. Do not fill anything in the table indicated


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THE PRIME, SCHEMING FRAMEWORKS, PUPIL'S WORKBOOKS, LESSON COURSE BOOKS, HOLIDAY PACKAGES, LEARNING GAMES, REVISION BOOKS, PLE ANALYSIS REPORTS AND MANY MORE.

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QUESTION NUMBER	MARKS ATTAINED	INITIALS
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		

APPROVED



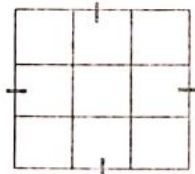

Consultant
Mathematics Department (PEC)

Organised by: **PRIME EDUCATIONAL CONSULT @2023 Kampala**

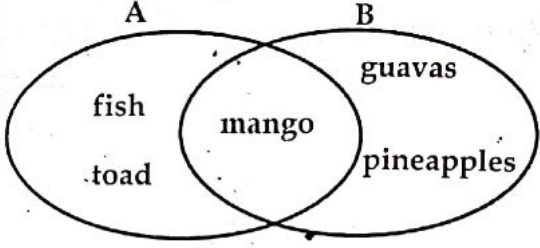
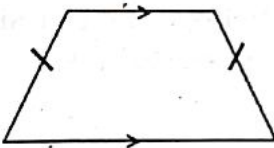
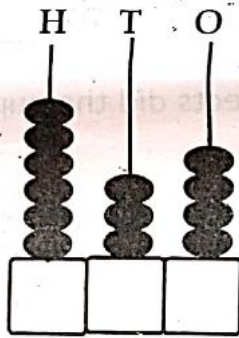
Turn Over

Section A. (40 Marks)

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1	Add: $8 + 6$	2	What fraction is shaded? 										
3	What morning time is shown on the clock face below? 	4	Change 2 weeks to days.										
5	Expand 424 using values.	6	Work out: $\square - 6 = 2$										
7	Add: <table> <tr> <td>Hrs</td> <td>Mins</td> </tr> <tr> <td>5</td> <td>25</td> </tr> <tr> <td>+1</td> <td>15</td> </tr> <tr> <td colspan="2"><hr/></td> </tr> <tr> <td colspan="2"><hr/></td> </tr> </table>	Hrs	Mins	5	25	+1	15	<hr/>		<hr/>		8	The diameter of a circle is 12cm. Find the radius of the circle.
Hrs	Mins												
5	25												
+1	15												
<hr/>													
<hr/>													
9	Phobe bought a goat at sh 80,000 and later sold it to Irene at sh 95,000. Calculate the profit Phobe made.	10	Find the area of the figure below. 										

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11	The cost of one bic pen is sh 700. Find the cost of 4 similar pens.	12	What is $\frac{1}{2}$ of 20?
13	<p>Given set A and set B, list the members of set A.</p> 	14	<p>Name the shape drawn below.</p> 
15	Justin used five minutes to walk from home to the market and fifteen minutes going back. Find the total time used altogether.	16	<p>Complete the abacus.</p> 
17	How many hours are in 180 minutes?	18	What day of the week comes after Thursday?
19	How many five hundred shilling coins are in sh 2000 note?	20	Subtract. $\frac{4}{7} - \frac{1}{7}$

Section B. (60 Marks)

21 The cost of 1 book is sh 2,500. How much will Peter pay for three similar books?
(02 marks)

(b) Add sh 3500 + sh 4200 (01 mark)

(c) After buying a goat at sh 120,000, Moses sold it to James at sh 100,000.
Calculate Moses' loss. (02 marks)

22 The table below shows marks obtained by a pupil in P.4 Joy in the beginning of term examinations.

Subject	ENG	MTC	COMPUTER	SCI
Marks obtained	70	90	70	50

(a) Which subjects did the pupil score the same marks? (01 mark)

(b) How many more marks did the pupil get in MTC than SCI? (02 marks)

(c) Find the total marks scored by the pupils? (02 marks)

23 Use "<", ">" or "=" to complete the statement.

(a) $\frac{1}{4}$ hour _____ $\frac{1}{2}$ hour (02 marks)

(b) 14 days _____ 2 weeks. (01 mark)

(c) 1 hour _____ 60 minutes. (01 mark)

(d) 12 months _____ 6 months. (02 marks)

24

Below is a magic square, study it and use it to answer questions about it.

c	8	1
2	4	b
7	a	5

(a) Find the magic sum.

(01 mark)

(b) Find the value of;

(01 mark each)

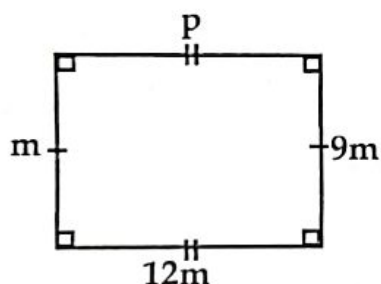
(i) a

(ii) b

(iii) c

25

Below is a rectangle.



(a) Find the value of p.

(01 mark)

(b) Find the value of m.

(01 mark)

(c) Find the area of the figure.

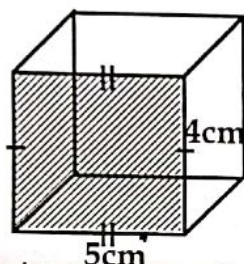
(02 marks)

(d) Find the perimeter of the figure.

(02 marks)

- 26 Collin is 56kg and Shakoor is 24kg.
- (a) Who is (i) heavier? (01 marks each)
- (ii) lighter?
- (b) Find the total weight of the two boys. (02 marks)

- 27 Given the figure below.



- (a) Find the number of;
- (i) faces (01 mark each)
- (ii) edges
- (iii) vertices
- (b) Find the area of the shaded part. (02 marks)

- 28 Study the shopping list below and use it to answer the questions that follow.

A ruler at sh 800
A book at sh 1500
A pen at sh 500
A set at sh 3000

- (a) How much can one pay for a ruler and a pen? (02 marks)
- (b) What is the most expensive item on the list? (02 marks)

(c) How much money did Peter pay if he bought all the items? (01 mark)

29 Workout. (02 marks each)

(a) Hrs Mins
8 28
-1 15

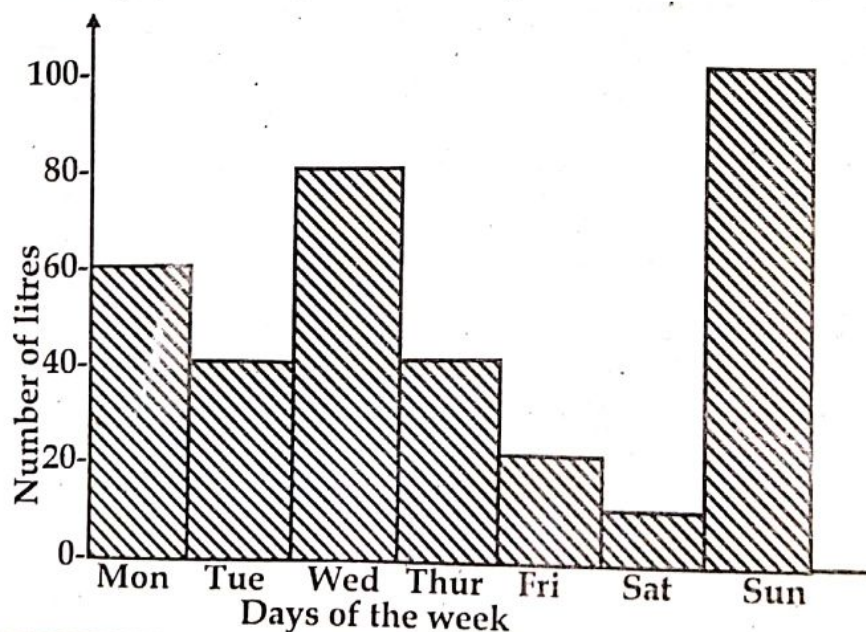
(b) Weeks Days
5 3
-2 6

(c) How many minutes are contained in 3 hours? (02 marks)

30 (a) Given; $3 + 3 + 3 + 3$, represent the statement diagrammatically and write the answer. (02 marks)

(b) Use repeated subtraction to work out $15 \div 5$. (02 marks)

31 The diagram belows shows the number of litres of milk produced on Moses' farm during the month of March.



- (a) How many litres of milk were collected on Sunday? (01 mark)
- (b) Which two days had the same amount of milk collected? (01 mark)
- (c) What was the total collection of milk through out the week? (02 marks)
- (d) When was the least number of litres collected? (01 mark)

32 Study the calendar of the month of June 2023 below and use it to answer the questions about it carefully.

S	M	T	W	TH	FRI	SAT
			A	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	B

- (a) How many days are in the above month? (01 mark)
- (b) When did the above month end? (01 mark)
- (c) How many Wednesdays are in the above month? (01 mark)
- (d) Write the date for the day indicated by letter A. (01 mark)
- (e) Write the date for the day indicated by letter B. (01 mark)