



THE **PRIME EXAMINATIONS** 2024

**P.4 MID TERM II
MATHEMATICS**

Time allocated 2 hours 30 minutes



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Name:

Signature:

School:

District Name:

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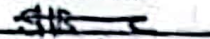
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QUESTION NUMBER	MARKS ATTAINED	INITIALS
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		

APPROVED



Consultant




Mathematics Department (PEC)


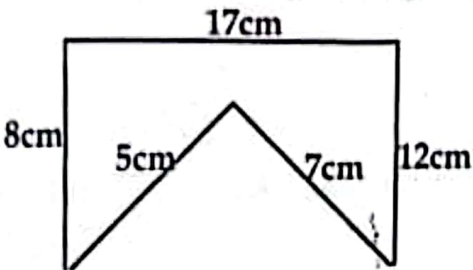
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Turn Over

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Section A. (40 Marks)

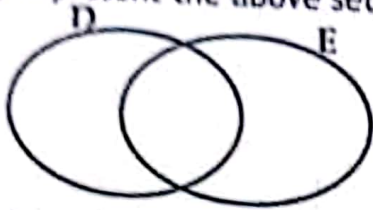
1	Workout: 126 $+ 38$ _____	2	Write the place value of 4 in 8243.
3	Draw a symbol of an empty set in the space below.	4	Convert 3hrs to minutes.
5	Write 19 in Roman numerals.	6	Work out: $\frac{18}{27} \cdot \frac{13}{27}$
7	How many triangles can you see in the diagram below? 		
8	Given that set $M = \{1, 2, 3, 4, 5, 6\}$ and set $N = \{4, 3, 5, 7, 9\}$, find $n(M \cap N)$		
9	Fill in the missing number in the box below. $\square - 3 = 8$	10	Given that  represents 7 flowers, how many flowers are represented by  ?

11	Convert 6kg to grams.	12	Tell the time shown on the clock face below.
			
13	One book costs sh 1800. Find the cost of 6 similar books.	14	Workout: $\begin{array}{r} 341 \\ \times 2 \\ \hline \end{array}$
15	Work out: $8 - 16 + 18$	16	Find the next two equivalent fractions of $\frac{2}{5}$.
17	Find the perimeter of the figure below.		
			
18	Convert 49 week to days.	19	Find the next number in the sequence below. 1, 3, 5, 7, 9, _____
20	What number must be added to 428 to get 642?		

Section B. (60 Marks)

- 21 Given that set $D = \{1, 6, 8, 7, 5, 2\}$ and set $E = \{3, 2, 1, 4, 0, 9\}$
(a) Represent the above sets on the Venn diagram below.

(03 marks)



- (b) List down all the members found in the intersection set of D and E.

(01 mark)

- (c) How many elements are in set D but not in set E?

(01 mark)

- 22 Given the digits 7, 1 and 8.

- (a) Form all the possible 3 digit numbers greater than 200 using the above digits.

(04 marks)

- (b) Find the sum of all the 3 digit numbers greater than 800.

(01 mark)

- 23 (a) Find the next two numbers in the sequence below.
9, 18, 27, 36, _____, _____

(02 marks)

- (b) Find the product between the first even number and the 10th odd number.

(03 marks)

24 Find the difference between 1000 and 756.

(02 marks)





(b) Share 126 seedlings equally among 6 farmers.

(02 marks)

(c) Sarah had sh 4200. She was given another sh 5800 by her mother. Find the total amount of money Sarah is having altogether. (02 marks)

25 Draw the following shapes.

(01 mark each)

Triangle	Kite	Cone	Square
			

26 Find the missing number in the boxes below.

(02 marks each)

(i) $\square - 11 = 15$

(ii) $\square + 7 = 23$

(iii) $\square \div 4 = 16$

27 Below is the price list.

1kg of beans at sh 3,500
1kg of maize flour at sh 2,000
1litre of cooking oil at sh 7,000

(a) Find the total cost of 2kg of beans.

(02 marks)

(b) How much will Aisha pay for 1kg of maize flour and a litre of cooking oil altogether?

(02 marks)

28

(a) Work out: $\frac{11}{15} + \frac{4}{15}$

(02 marks)

(b) How many halves can be obtained from 12 mangoes?

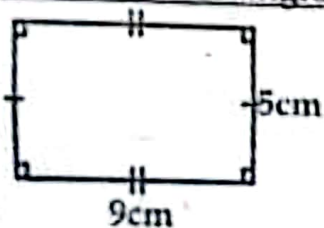
(02 marks)

(c) Subtract $1 - \frac{7}{10}$

(02 marks)

29

Below is a rectangle.



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(a) How many sides does the above figure have?

(01 mark)

(b) Find the area of the figure.

(02 marks)

(c) Find the total distance around the figure.

(02 marks)

(02 marks)

30 (a) Convert 3 weeks to days.

(b) Work out: Hrs mins
6 20
+5 30

(01 mark)

(c) Work out: weeks days
3 4
-2 3

(01 mark)

31 In a class of 36 pupils, $\frac{5}{9}$ are girls and the rest are boys.
(a) Find the fraction of boys.

(02 marks)

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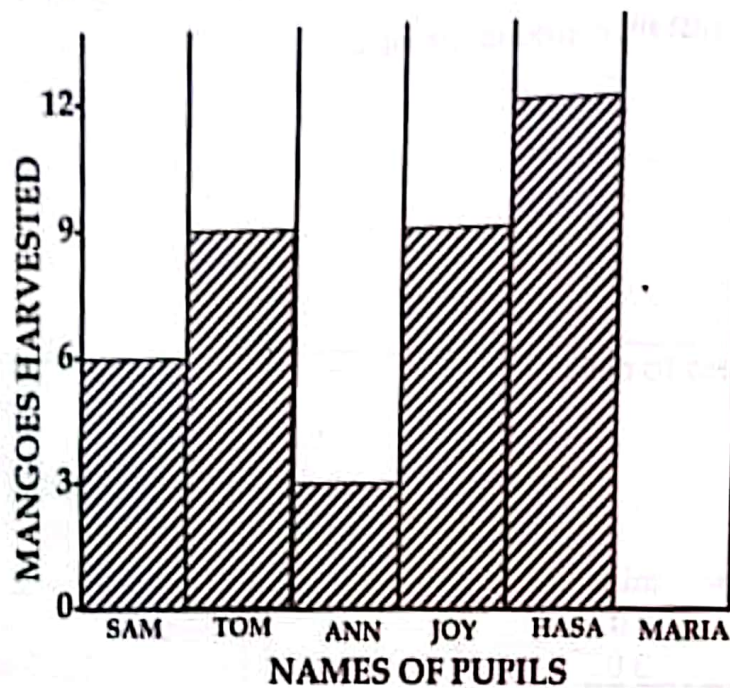
(b) If there are 20 girls, find the number of boys in the class.

(02 marks)

(c) How many more girls than boys are in the class?

(01 mark)

32 Study the graph below and answer question that follow.



(a) Who harvested the least number of mangoes?

(01 mark)

(b) How many more mangoes did Joy harvest than Sam?

(02 marks)

(c) If Hasa arranged the mangoes he harvested in groups of 3, how many groups did he get?

(02 marks)