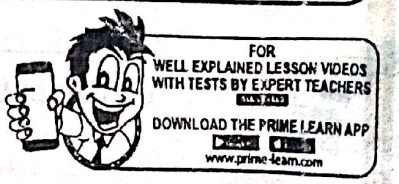
THE PRIME EXAMINATIONS 2025

P.5 BEGINNING OF TERM I

MATHEMATICS (New Curriculum)



Time allocated 2 hours 30 minutes

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
   "FOR EXAMINERS' USE ONLY"

FOR EXAMINERS' USE ONLY		
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)

Turn Over

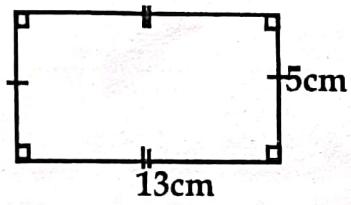
Section A (40 Marks)

1 Workout: 140 – 80

2 Write 10870 in words.

3 Find any two equivalent fractions of $\frac{3}{5}$.

4 Below is a rectangle, find its area.



5 **Fill in the missing number in the box below.**

□ - 7 = 12

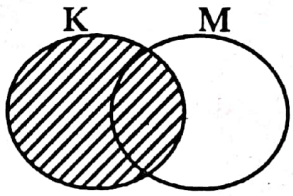
6 What number has been expanded to give (4 x 1000) + (6 x 100) + (5 x 10) + (2 x 1)?

7 Work out:

Hrs	Mins
6	30
+4	40

8 Convert **6km** to **M.**

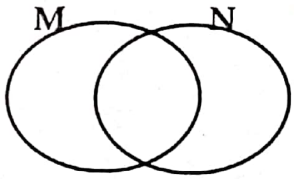
9 Given that set A = {4, 9, 6, 7, 2} and set B = {1, 3, 7, 0, 5, 9}. Find n (A∩ B)

10	What number is represented by the tallies below? 𝍸 𝍸 𝍸 |	11	The cost of a kg of sugar at Mr. Mulongo's shop is sh 4000. How much money will Sam pay for 3 kg of sugar.
12	How many vertices has the shape below? 	13	Work out: 18 – 20 + 6
14	How many quarter packets of rice can be got from 8kg of rice?	15	Describe the shaded region on the Venn diagram below. 
16	Simplify; 14 books + 8 pens – 9 books – 5pens.	17	Write XIX in Hindu Arabic numerals.
18	Change 5 years into months	19	Work out: m cm 8 30 -5 60
20	A circular garden has a radius of 30m. Find the diameter of the garden.		

Section B (60 Marks)

21 Given that set M = {0, 3, 4, 6, 8, 9} and set N = {1, 2, 4, 5, 6, 7}

(a) Represent the above sets on the Venn diagram below. *(03 marks)*



(b) Find n(M ∪ N) *(02 marks)*

22 Given the numeral **43572**

(a) What is the place value of 3? *(02 marks)*

(b) Find the product of the value of 5 and the value of 7. *(03 marks)*

23 (a) Work out: **135 ÷ 9** *(02 marks)*

(b) Find the sum of **4873** and **5423.** *(02 marks)*

(c) By how much is **16** less than **30**? *(02 marks)*

24 (a) List down all the factors of 18. *(02 marks)*

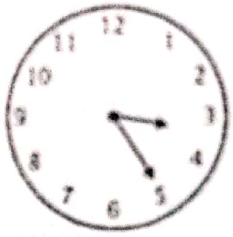
(b) Find the sum of the first 6 counting numbers. *(02 marks)*

(c) Find the next number in the sequence. 3, 8, 14, 21, 29, _____ *(02 marks)*

25 Work out: $\frac{13}{17} - \frac{9}{17}$ *(02 marks)*

(b) Simplify: $3\frac{1}{4} + 4\frac{3}{4}$ *(02 marks)*

26 (a) What afternoon time is shown on the clock face below? *(02 marks)*



(b) Work out:

(i) *(02 marks)*

Weeks	Days
7	3
+8	6

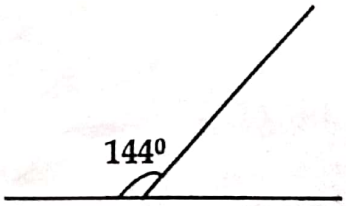
(ii)

Years	Months
4	8
-3	11

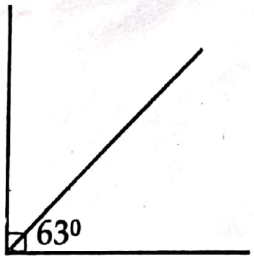
(02 marks)

27 Find the missing angles in each of the figures below.

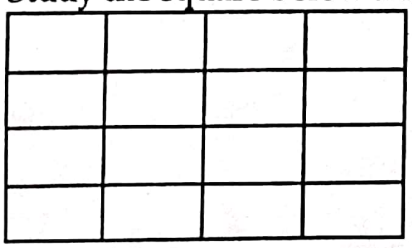
(i) *(02 marks)*



(ii) *(02 marks)*



28 Study the square below and use it to answer the questions that follow.



(a) Find its area. *(02 marks)*

(b) Find the perimeter *(02 marks)*

29 **Below is the Price list of items.**

A kg of sugar at sh 4000
A litre of cooking oil at sh 7000
A tin of blue band at sh 3800
A loaf of bread at sh 5500

(a) How much money can Kapere use to buy **3** tins of blue band? *(02 marks)*

(b) Find the total cost of buying **2** loaves of bread. *(02 marks)*

(c) Find the total cost of buying a kg of sugar and a litre of cooking oil. *(02 marks)*

30 Draw the following shapes. *(04 marks)*

kite	square	cylinder	cube

31 In a class of **36** pupils, $\frac{7}{12}$ are boys and the rest are girls.

(a) Find the fraction of girls. *(01 mark)*

WARNING: Not to be reproduced electronically!!!

(b) How many pupils are boys? *(02 mark)*

(c) How many pupils are girls? *(02 marks)*

32 **Study the pictograph below and answer the questions that follow.**

Names of pupils	NUMBER OF CAR COUNTED
Kwaga	
Kainza	
Katono	
Kampi	
Katoro	

Key  represents 8 cars.

(a) How many cars did Katono count? *(02 marks)*

(b) Find the total number of cars counted by Kwaga and Katoro. *(02 marks)*

(c) Which people counted the same number of cars? *(01 mark)*