



THE PRIME EXAMINATIONS 2024

P.4 END OF TERM I 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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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)

Section A (40 Marks)

1 Multiply: 6×7

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

2 Name the set symbol below.



3 Write 25 in Roman numerals.

4 Name the shape below.



5 Given stands for 5 vehicles, how many vehicles are represented by ?

6 Simplify: 4 books + 6 pens + 2 books + 2 pens.

7 Find the number of five hundred shilling coins that can be got from a rate of sh 1,000.

8 Work out: $\boxed{\quad} - 4 = 3$

9 Find the value of 4 hundreds.

10

A boy had 10 litres of petrol and his father added him 16 more litres. How many litres of petrol does he have altogether?

12

Find the next number in the sequence.
30, 28, 26, 24, _____

14

Find the LCM of 4 and 3.

16

Tell the afternoon time shown on the clock face below.

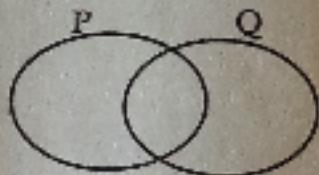


18

Use <, > or = to complete the following.
 $14 + 5 \quad 6 \times 3$

11

Shade $P \cap Q$ in the figure below.



13

$$\text{Add: } \frac{2}{7} + \frac{4}{7}$$

15

Change 3kg to grams.

17

$$\text{Workout: } 433 \times 2$$

19

Write 1046 in words.

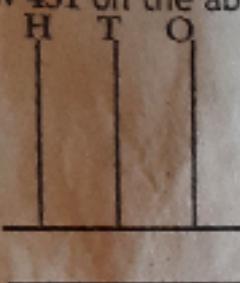
20

Opus had $\frac{3}{5}$ of cake, he ate $\frac{2}{5}$. Find the fraction of the cake that remained.

21

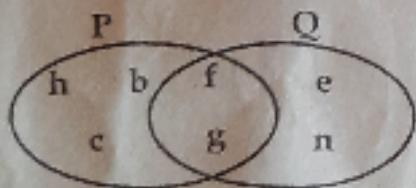
Show 431 on the abacus below.

(02 marks)



- (b) Write the place value of the underlined digit 8572. (01 mark)
- (c) Find the product of the value of 6 and the value of 4 in 76345. (02 marks)

22 Study the Venn diagram below and use it to answer the following questions.



- (a) List the members of $P \cap Q$. (01 mark)
- (b) Find the; (i) $n(P \cup Q)$ (02 marks)
- (ii) $n(P)$ (02 marks)

23

(a) Workout:
$$\begin{array}{r} 4631 \\ +3164 \\ \hline \end{array}$$

(02 marks)

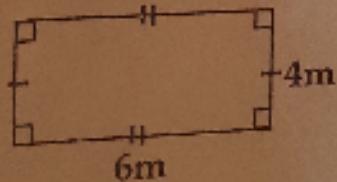
(b) Jamirah harvested 764kg of maize and she decided to sell 342kg of it. How many kilograms did she remain with? (02 marks)

24

Given the digits; 9,4,6, form all the possible 3-digit numerals that can be formed from the above digits. (06 marks)

25

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



(a) Calculate the area of the figure above.

(02 marks)

29

(a) Expand 624 using values.

(02 marks)

(b) What number has been expanded to give; $4000 + 800 + 30$?

(02 marks)

30

(a) List down all the factors of 18.

(02 marks)

(b) (i) List all the multiples of 4 less than 20.

(02 marks)

(ii) Find the sum of the 3rd and 5th multiples of 5.

(02 marks)

31

Study the calendar and answer the questions that follow.

SUN	MON	TUE	WED	THU	FRI	SAT
		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			

(a) Which day of the week was the 2nd?

(01 mark)

(b) How many Wednesdays did the above month have?

(01 mark)

(c) How many Fridays were in the above month?

(02 marks)

32

Complete the table below correctly.

(06 marks)

No of tables.	1	2	3	4	—	—	12	—
No of legs.	4	8	—	—	20	30	—	72