



THE PRIME EXAMINATIONS 2024

P.3 MID TERM III

MATHEMATICS (*Thematic Curriculum*)

Time allocated 2 hours 30 minutes



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Name:.....

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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

"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
Thematic Department (PEC)

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Section A (40 Marks)

1	Multiply: $\begin{array}{r} 3 \ 1 \ 4 \\ \times \ 2 \\ \hline \end{array}$	2	Write Feb in full.
3	Write the number that comes before and after 27 in threes. _____, 27, _____	4	Underline the smaller number; 1012 or 1090
5	Represent 139 using bundles and sticks.	6	How many days make a week?
7	Tell the time on the o'clock face below.	8	Name the figure below.
9	Convert 3m to cm.	10	If represents 8 chairs. How many chairs have been represented by ?
11	How many days are in 3 weeks?	12	Write the shaded fraction.

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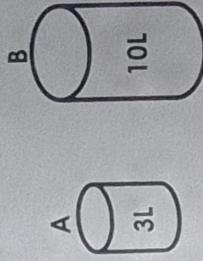
Divide:

$$\begin{array}{r} \boxed{2} \\ \boxed{2} \end{array} \overline{)24}$$

- 14 A group of men built a house for **259 days** and painted it for more **27 days**. How long did they take to finish both tasks?

15 Use the containers below answer the questions that follow.

(a) Which container holds more water?



(b) Which container holds less water?

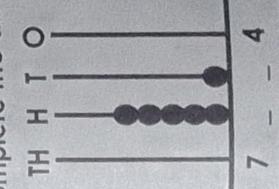
- 16 _____ is the eighth month of the year.

- 17 Find the product of **6** and **7**.

- 18 Add **13 + 25** using commutative property.

- 19 Find the value of **9 thousands**.

- 20 Complete the abacus below.



Section B (60 Marks)**(2marks)**

21 (a) Count and fill in the missing numbers in 5s.

(i) 1970, 1975, _____, 1985, _____

(b) Which number comes before and after 3990 in 10s?

_____ 3990, _____

(c) Arrange the following numbers in ascending order.

5960, 3201, 6098, 1004

22 Match the days to their positions.

(5marks)

Friday	5th
Monday	7th
Wednesday	6th
Saturday	2nd
Thursday	4th

23 (a) Share 18 books among 3 girls.

(1mark)

(b) Divide correctly.

(i) $\sqrt{5 \ 55}$

(ii) $3 \sqrt{963}$

24 (a) Add correctly.

$$\frac{4}{8} + \frac{2}{8}$$

(2marks)

(b) Write the fractions below in words.

(i) $\frac{1}{4}$

(ii) $\frac{2}{3}$

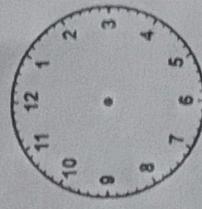
(1mark each)

(iii) $\frac{4}{10}$

(2marks)

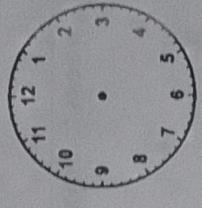
25 (a) Show the time below on a clock face.

(i)



(1mark each)

(ii)

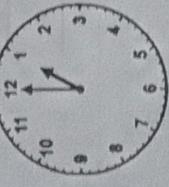


It is a half past 8 o'clock.

(1mark each)

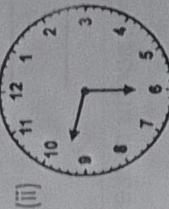
(b) Tell the morning time below.

(i)



(1mark each)

(ii)



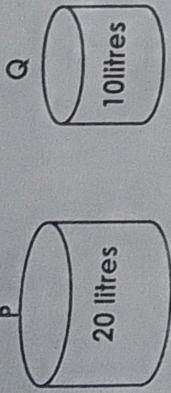
(1mark each)

(iii)



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26 Use the containers below to answer the questions that follow.



(a) How many litres are in:

(i) Q _____

(ii) P _____

(b) Use "less" or "more".

Container P holds _____ litres than Q.
Container Q holds _____ litres than P.

(c) How many more litres are in P than Q?

(1 mark each)

(1 mark each)

(1 mark)

(2marks)

27 (a) Convert 5 weeks to days.

(b) Add correctly.

(i)	Weeks	Days
	6	5
	+ 8	1
	<hr/>	

(ii)	Weeks	Days
	10	3
	+ 5	2
	<hr/>	

(1 mark)

(2marks each)

- (a) Find the number of months in the following years.
(i) 3years _____
(ii) 7 years _____

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19 Use "empty" or "not empty".

(1 mark each)

- (i) Set of 4 tables
- (ii) A set of 7 pregnant trees
- (iii) A set of bags singing
- (iv) A set of vowel letters
- (v) A set of goats washing utensils

30 (a) If represents 4 leaves how many leaves are represented by ?

(2marks)

(b) Given that represents 5 balls.
Draw balls to represent 30 balls.

(2marks)

31 Complete the table below correctly.

Month	No. of days	Position
March	31	
December		
September		9th 4th.

32 Study the calendar below and answer the questions that follow.

OCTOBER

SUN	MON	TUE	WED	THUR	FRI	SAT
		1	2	3	4	5
6	7	8		10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Independence day

(a) Which month is shown above?

(1 mark)

(b) On which day did the month begin?

(1 mark)

(c) How many days are in the above month?

(1 mark)

(d) How many Sundays are in the month above?

(1 mark)

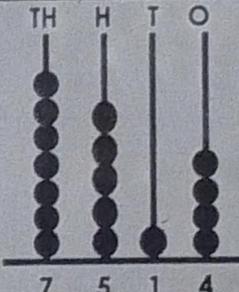
(e) Which special day is it on 9th October according to the calendar?

(1 mark)

THE PRIME MID TERM III EXAMINATIONS 2024

P3 MATHEMATICS

Section A (40 Marks)

No.	Solution	No.	Solution
1	$ \begin{array}{r} 3 & 1 & 4 \\ \times & 2 \\ \hline 6 & 2 & 8 \end{array} = 628 $	2	February
3	<u>24</u> , <u>27</u> , <u>30</u> 	4	<u>1012</u> or <u>1090</u>
5		6	7 days
7	It is a half past 2.	8	Semi-circle
9	$1\text{m} = 100\text{cm}$ $3\text{m} = (3 \times 100)\text{cm}$ $= 300\text{cm}$	10	8×5 or $8+8+8+8$ $= 40\text{chairs}$ or $= 40\text{chairs}$
11	$1\text{ week} = 7\text{ days}$ $3\text{ weeks} = (3 \times 7)\text{ days}$ $= 21\text{ days}$	12	$\frac{1}{4}$ or a quarter
13	$ \begin{array}{r} 1 & 2 \\ 2 \overline{) 2 & 4} \\ -2 \\ \hline 0 & 4 \end{array} $ $1 \times 2 = \underline{-2}$ $2 \times 2 = \underline{-4}$ $= 12$	14	$ \begin{array}{r} 259 \text{ days} \\ + 27 \text{ days} \\ \hline 286 \text{ days} \end{array} $
15	a) Container B b) Container A	16	August
17	6×7 $= 42$	18	$13 + 25 = 25 + 13$ $38 = 38$
19	9 thousands 9×1000 $= 9000$	20	

Section B (60 Marks)

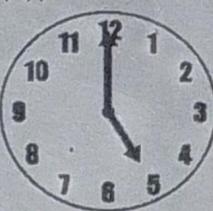
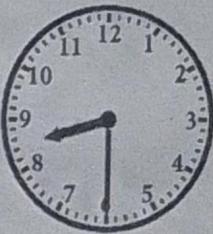
- 21 a) 1970, 1975, 1980, 1985, 1990
 b) 3980, 3990, 4000
 c) 1004, 3201, 5960, 6098

23 $\frac{18}{3} = 6 \text{ books}$

b)

(i)
$$\begin{array}{r} 11 \\ 5 \sqrt{55} \\ \underline{-5} \downarrow \\ 05 \\ 1 \times 5 = -5 \\ \hline 0 \\ = 11 \end{array}$$

(ii)
$$\begin{array}{r} 321 \\ 3 \sqrt{963} \\ \underline{-9} \downarrow \\ 06 \\ 2 \times 3 = -6 \\ \hline 03 \\ 1 \times 3 = -3 \\ \hline 0 \\ = 321 \end{array}$$

- 25 a) (i) 
 (ii) 
- b) (i) It is 1 o'clock
 (ii) It is a half past 9.
 (iii) It is 6 o'clock.

27 a) 1 week = 7 days
 5 weeks = 5×7 days
 $= 35$ days

b) Weeks Days c) Weeks Days

$$\begin{array}{r} 6 \\ + 8 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 5 \\ 1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 10 \\ + 5 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 3 \\ 2 \\ \hline 5 \end{array}$$

- 29 (i) not empty
 (ii) empty
 (iii) empty
 (iv) not empty
 (v) empty

31	March December September April	31 31 30 30	3rd 12th 9th 4th
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- 32 a) October
 b) Tuesday
 c) 31 days
 d) 4 Sundays
 e) Independence day

- 22 Friday – 6th
 Monday – 2nd
 Wednesday – 4th
 Saturday – 7th
 Thursday – 5th

24 $\frac{4}{8} + \frac{2}{8} = \frac{4+2}{8}$

$$= \frac{6}{3}$$

- b) (i) $\frac{1}{4}$ → A quarter or one out of four.
 (ii) $\frac{2}{3}$ → Two thirds or two out of three
 (iii) $\frac{4}{10}$ → Four tenths or four out of ten.

- 26 a) (i) 10 litres
 (ii) 20 litres
 b) (i) more
 (ii) less
 c) $20 \text{ litres} - 10 \text{ litres} = 10 \text{ litres}$

- 28 a) Twelve months
 b) (i) 3 years = (12×3) months
 $= 36$ months
 (ii) 1 year = 12 months
 7 years = (12×7) months
 $= 84$ months

- 30 a) $4 \times 4 = 16$ leaves or $4+4+4+4 = 16$ leaves
 b) 