



THE **PRIME** EXAMINATIONS 2023  
PRIMARY FOUR BEGINNING OF 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

**"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)



**PUBLISHERS OF:-**






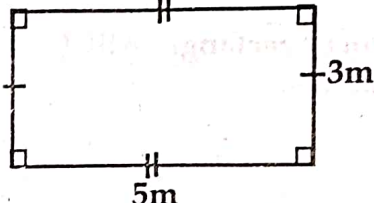
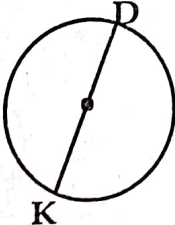
THE PRIME; SCHEMING FRAME WORKS, PUPIL'S WORKBOOKS, LESSON COURSE BOOKS, HOLIDAY PACKAGES, LEARNING GAMES, REVISION BOOKS, PLE ANALYSIS REPORTS AND MANY MORE.

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Turn Over

**Section A. (40 Marks)**

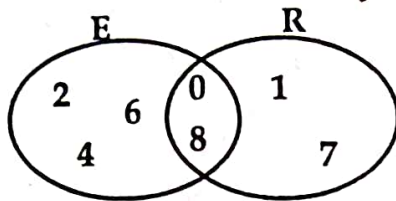
1	Work out: $\begin{array}{r} 37 \\ + 10 \\ \hline \end{array}$	2	Write the place value of 3 in 7038.
3	Find the next number in the sequence. 9, 12, 15, 18, _____	4	Shade $\frac{1}{3}$ of the diagram below. 
5	Fill in the missing number below. $\square + 6 = 11$	6	Show 4:30 on the clock face below. 
7	Write XXIV in Hindu Arabic numerals.	8	Draw a cone in the space provided below.
9	Given that Set R = {b,i,r,d,s}, find n(R)	10	Write eight thousand three hundred five in figures.
11	Which number is represented by $\text{///} \text{///} \text{///} \text{///}$ ?	12	Opoloti bought a toy car at sh.3700. He sold it at sh.4300. Find his profit.

13	Expand 4725 using values.	14	Use $>$ , $<$ or $=$ to complete the statement below. $\frac{3}{5} \text{ — } \frac{3}{4}$
15	If  represents 3 balls, how many balls are represented     ?		
16	Change 5m to centimetres.	17	Find the area of the figure below. 
18	Round off 408 to the nearest tens.	19	Multiply: $\begin{array}{r} 304 \\ \times 3 \\ \hline \end{array}$
20	Name the line marked KD on the figure below. 		



**Section B. (60 Marks)**

**21 Study the Venn diagram below and use it to answer the questions that follow.**



(a) List down the members of set R.

(01 mark)

(b) Find  $n(E \cup R)$

(02 marks)

(c) Find  $E \cap R$ .

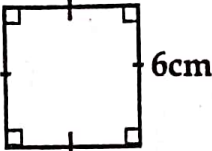
(02 marks)

**22 Construct a rectangle ABCD in which  $AB=7\text{cm}$  and  $BC=4\text{cm}$  using mathematical instruments.**

(04 marks)

**23 (a) Convert  $2\frac{3}{4}$  to an improper fraction.**

(02 marks)

	<p>(b) Work out: <math>\frac{7}{15} - \frac{3}{15}</math> (02 marks)</p> <p>(c) Find the next two equivalent fractions of <math>\frac{3}{4}</math>. (02 marks)</p>
24	<p>Use the figure below and answer the questions that follow.</p>  <p>(a) How many right angles are in the figure above? (01 mark)</p> <p>(b) Work out its area. (02 marks)</p> <p>(c) Calculate the total distance around the figure. (02 marks)</p>
25	<p>Shamasha is 23 years old. Tamson is 31 years old.</p> <p>(a) Who is older? (01 marks)</p> <p>(b) Find their total age. (02 marks)</p>

*(02 marks)*

26

Item	Cost
A pencil	sh. 400
A mathematical set	sh. 2500
A pen	sh. 1000
A book	sh. 1500

**(01 mark)**

**(02 marks)**

(02 marks)

27

(04 marks)

kite



28	<p>Use "&gt;", "&lt;" or "=" to complete the statements below. (02 marks each)</p> <p>(a) 1 dozen of pens _____ 12 pens.</p> <p>(b) 5000gm _____ 50 kg</p> <p>(c) <math>3 + 0</math> _____ <math>3 \times 0</math></p>
29	<p>(a) Find the LCM of 3 and 4. (02 marks)</p> <p>(b) List down all the factors of 6. (02 marks)</p> <p>(c) Write all the odd numbers less than 10. (01 mark)</p>
30	<p>Use the digits, 3, 7 and 2. (02 marks)</p> <p>(a) Write the biggest and smallest 3 digit numbers formed. (02 marks)</p> <p>(b) Find the sum of the biggest and smallest 3-digit numbers formed. (02 marks)</p> <p>(c) Expand the smallest 3-digit number formed using place values. (01 mark)</p>

- 31 (a) Which number has been expanded to give,  $(3 \times 1000) + (7 \times 100) + (1 \times 10) + (9 \times 1)$ ?  
(01 mark)
- (b) Write 246 in words.  
(02 marks)
- (c) Find the value of 2 in 5204.  
(02 marks)

32 Use the table below to draw a bar graph correctly.  
(05 marks)

Classes	P.4	P.5	P.6	P.7	P.1
No of pupils	50	30	60	50	25

