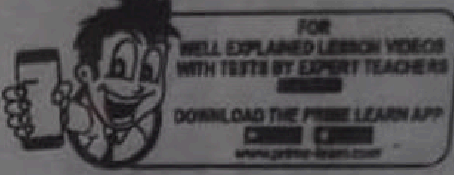
THE PRIME EXAMINATIONS 2023

PRIMARY FIVE END OF TERM II

MATHEMATICS

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

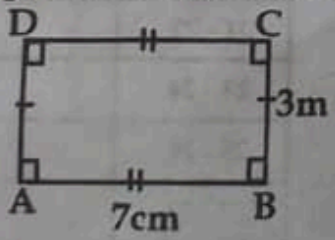
Mathematics Department (PEC)

PUBLISHERS OF:-

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

Turn Over

Section A (40 Marks)

1	**Workout: 3 x 4**	2	Write **1,243** in words.
3.	**Simplify: $^{+}4 + {}^{-}6$**	4	Find the next number in the sequence. **28, 21, 15, 10, 6, 3, ____**
5	**Solve: k + 4 = 9**	6	Given that Set **R = {1, 2, 3, 4, 5, 6}**, set **S = { 2, 3, 5, 7, 11}** Find **n(R∩S)**
7	Find the number expanded to give; **(8x1000) + (7x100) + (5x10) + (4 x1)**	8	The loss on a dress bought at **sh.23,000** was **sh.2500**. Calculate the selling price of the dress.
9	**Calculate the perimeter of the rectangle ABCD shown below.** 	10	A certain meeting started at **2:30pm** and lasted for **45** minutes. At what time did the meeting end?
11	**Simplify: $\frac{8}{9} - \frac{2}{9}$**	12	Find the place value of a number whose value is **4000**.

27 a)	A rectangular compound measures 100m by 60m. Work out the distance round the compound. *(02Marks)*	b)	Find the size of the area of the compound. *(02Marks)*
28 a)	Expand 904,362 using values *(02Marks)*	b)	Represent 86, 453 on the abacus. TTH TH H T O *(02Marks)*
29 a)	Work out ; 0.25 + 4.2 *(02Marks)*	b)	Subtract 5.86 from 10.93. *(02Marks)*
30 a)	Find the value of 3 in the number 2341_{five}. *(02Marks)*	b)	Give the place value of 2 in the number 3240_{five}. *(02Marks)*

23 a) A man covered a distance of **120km** in 2 hours. Calculate his speed.

(02Marks)

b) What distance did Kayinda cover if he travelled at a speed of **75km/h** for **2 hours**?

(02Marks)

24 a) Find the **LCM** of 6 and 7.

(02Marks)

b) Calculate the **GCF** of 12 and 8.

(02Marks)

25 *A father went for shopping over the weekend with the shopping bill shown below.*

a) Complete the table below.

Item	Qty	Unit cost	Amount
Sugar	2kg	sh.5,000	sh._____
Rice	2kg	_____	sh8,800
Cooking oil	_____litres	sh.4,000	sh.8,000
Total expenditure			sh: _____

(04 Marks)

b) If they **reduced** the amount of money he was supposed to pay by **sh 1800**, how much did he pay?

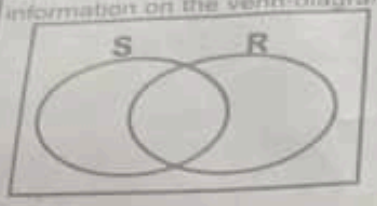
(02 Marks)

SECTION B: 60 MARKS

Attempt **all** *questions in this section.*

Marks for **each part** *of the question are* **indicated** *in the brackets*

21 a) Given that set S={a,b,c,d,e,f,g,h,k,l,m}; set R={c,d,e,f,g,i,j,k,y,z}; put the information on the venn-diagram



(03Marks)

b)(i) Find set $S \cap R$

(01Mark)

ii) $n(S \cup R)$

(01Mark)

22 In a sports team, there are 66 participants; $\frac{3}{6}$ play netball, $\frac{2}{6}$ participants play **football** and the rest play **volleyball**.

a) Find the **remaining** fraction

(02Marks)

b) How many **participants** play football?

(01Mark)

c) How many more participants play netball than volleyball?

(02Marks)

SECTION: 40 MARKS

Attempt all questions in this section

Questions 1 to 20 carry two marks each

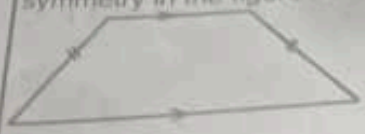
1. Given that set: P={a, x+1, 4, 0.5}. Find n(P)

2. Use >, < to complete the statement:
300cm _____ 2m

3. Work out: $\frac{3}{4} + \frac{1}{2}$

4. Find the LCM of 4 and 7.

5. Show the line of folding symmetry in the figure below.



6. A woman went for the road work at **7:05am** and returned at **8:15 am**. How long did the road work take?

7. Round off **7892** to the nearest hundreds.

8. A book costs **thrice** the cost of a pen. If a boy paid sh. 2,400. for a pen, how much is a book?

9. A farmer had some eggs. If he collected **182** more eggs from the bird's house, he then has **500** eggs. How many eggs did he have in the **beginning**?

10. The table below shows the **marks** got by different pupils. **Complete** it correctly.

Marks	No of pupils	Tallies
40	_____	𝍸 |||
80	5	𝍸 𝍸 𝍸 |
70	_____	𝍸 ||

28. The bar graph below shows the farmers who did not grow particular crops. Study and use it to answer the questions that follow.

a) Which crop was grown by all farmers?

(01Mark)

b) How many farmers grew cabbages?

(01Mark)

c) Which crop was not grown by all farmers?

(01Mark)

d) Find the **total** number of farmers who grew carrots, cabbages and beans.

(01Mark)