THE PRIME EXAMINATIONS 2023

PRIMARY FOUR MID 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"

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		

FOR EXAMINERS' USE ONLY

APPROVED

Consultant
Mathematics Department (PEC)

Turn Over

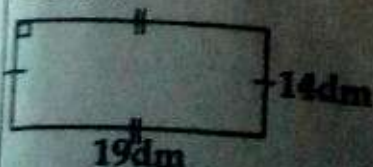|			
1	Workout: 21 ÷ 3	2	Workout; $\frac{7}{11}$ + $\frac{3}{11}$
3	Given that set M = { v, w, x, y, z} and set P = {a, b, x, e, z, f} Find M ∪ P	4	Write 17 in Roman numerals.
5	Find the next number in the sequence. 5, 12, 19, 26, 33, _____	6	Round off 8327 to the nearest hundreds.
7	John weighs 38kg 640gm and his friend Emma weighs 25kg 208gms. Find their total weight.	8	Find the lowest common multiple of 12 and 16.
9	Given that ⬭ represents 8 cups. Draw pictures to represent 32 cups.	10	Write 1830 in words.
11	Fill in the missing number in the box. ☐ - 5 = 14	12	Workout the perimeter of the figure below. 14dm 19dm

13	The cost of 6 pencils at Juma's shop is sh.3600. How much money will Joan pay for one pencil at Juma's shop?	14	Workout: 13 - 9 + 4
15	How many half litre cups can be got from 6 litres of water?	16	What is the time shown on the clock face below?
17	The place value of 7 in a numeral is thousands. Workout the value of 7.	18	Ali bought a pair of shoes at sh. 64,000, later sold it making a profit of sh.31,000. Calculate the amount of money Ali sold the pair of shoes.
19	How many degrees are represented by the symbol below?	20	Change $\frac{7}{3}$ to a mixed fraction.

Section B. (60 Marks)

21 (a) Workout: 10 + 13 + 7

(02 marks)
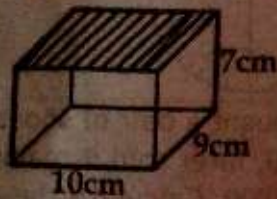
(b) Divide 1374 by 3.

(c) The class manager of primary four distributed books among 126 pupils. If each pupil received 6 books. How many books did the class manager distribute altogether?

(02 marks)

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

7cm

9cm

10cm

(a) Find the number of the following on the figure above.
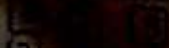
(i) Edges.

(01 mark)

(ii) Face.

(01 mark)

(iii) Vertices.

(01 mark)

(b) Find the area of the shaded part.

(02 marks)

23 | cards numbered.

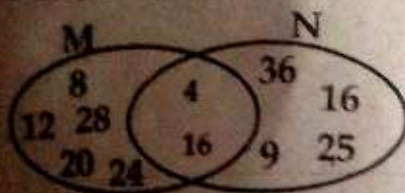(a) possible 3 – digit numbers from the cards Mary picked.

(03 marks)

(b) Write the biggest 3 digit even number formed. (01 mark)

(c) Write the smallest 3 digit odd number formed. (01 mark)

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

(a) Find n(M ∩ N) (02 marks)

(b) List all the elements of set M only. (01 mark)

(c) How many elements are in n(M ∪ N)? (02 marks)

(d) Write $\frac{2}{5}$ in words. (01 mark)

(e) Arrange $\frac{5}{9}$, $\frac{4}{9}$, $\frac{1}{9}$, $\frac{2}{9}$ in a scending order. (02 marks)

(c) Write the next two equivalent fractions of $\frac{6}{7}$.

26 Given the numeral 8392. (02 marks)
(a) Expand the above numeral using place values.

(b) Find the quotient of the value of 3 and the place value of 0 in the numeral 83092. (03 marks)

27 (a) Complete the table below. (01 mark each)

Item	Quantity	Unity cost	Amount
Books	7 books	sh. 1500 per book	Sh. _____
Pen	_____	Sh. 600 each pen	Sh. 3600
Sweets	9	_____ per sweet	Sh. 1800
Total			Sh. _____

(b) If Joseph went with sh. 20,000 to the shop to buy the above items, how much money did he remain with after buying the items? (02 marks)

28 (c) Subtract 253 from 500. (02 marks)

(b) At St Peters' Junior School, Primary four class has 104 boys and 210 girls. Calculate the total number of pupils in the whole class. **(02 marks)**

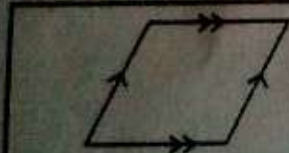**(c)** Calculate the number of pupils present on Monday, if 96 pupils were absent on Monday. **(01 mark)**

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29 **(a)** Convert 4 weeks to Days. **(02 marks)**

(b)

Weeks	Days
3	5
+ 1	1

(02 marks)

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30 Write the names of the geometric shapes below. **(02 marks each)**

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31 Use >, < or = to compare the following.
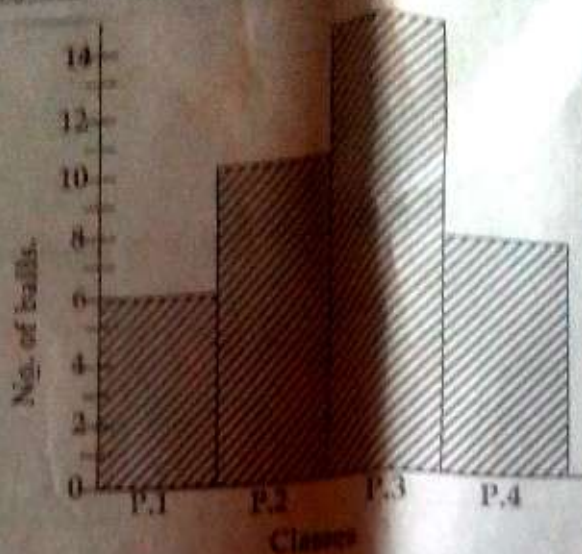
(a) 24 hours _____ 2 days **(01 mark)**

(b) 7 weeks _____ 36 days **(01 mark)**

(c) 750gm _____ $\frac{3}{4}$ kg **(01 mark)**

(d) 500cm _____ 2m **(01 mark)**

32 Study the bar graph below and answer questions that follow.

(a) Which class received the least number of balls?   (01 mark)

(b) How many more balls did P.3 get than P.2?   (02 marks)

(c) Calculate the total number of balls given to all the four classes.   (01 mark)