

THE PRIME EXAMINATIONS 2023

PRIMARY SEVEN MID MARCH

MATHEMATICS (Abridged Curriculum)

Time allocated 2 hours 30 minutes



Name:					
Signature:					
School:	.,				
District Name:					
READ THE FOLLOWING INSTRUCTIONS CAREFULLY	Street, Square, or other party of the last	MINERS' US	E ONLY		
1. This paper has two sections: A and B. Section A has 20	QUESTION NUMBER	MARKS ATTAINED	INITIALS		
questions (40 Marks) and Section B has 12 questions.	1-5		4-		
(60 Marks)	6-10				
2. Answer ALL questions. All the working for both sections	11 - 15				
A and B must be shown in the spaces provided.	16 - 20		THE PARTY		
	21 - 22				
3. All working must be done using a blue or black ball	23 - 24				
point pen or ink. Any work done in pencil other than on graphs and diagrams will not be marked.	25 - 26		7		
	27 - 28				
4. No calculators are allowed in the examination room.	29 - 30				
	31 - 32	1	14 (1)		
 Unnecessary changes in your work and handwriting that cannot be read easily may lead to loss of marks. 	TOTAL	ai la			
6. Do not fill anything in the table indicated "FOR EXAMINERS' USE ONLY"	APPROVED Consultant Mathematics Department (PEC)				
The second of th	SELECTION OF THE	PLOAV PACKAG	ES		

Turn Over

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455	Section A (40 Marks)			
1	Work out: 42 + 18	2	Write 97 in Roman numerals.	
3	Workout: $\frac{1}{5} \times \frac{2}{5}$	4	Given that set P has 16 subsets, find n(P).	
5	Convert 8cm to mm.	6	Find the area of the figure below. 7cm 18cm	
7	A mathematics lesson started at 8:30am. At what time did it end if it lasted for 1 hour and 40 minutes?	8	Workout; ⁻ 4 -+7	
9	Given that represents 16 flowers, how many flowers are represented by R R R R	10	The cost of 9 mangoes is sh 2700. Find the cost of 5 similar mangoes.	

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11	1 Draw an angle of 55° in the space provided below.				
No.					
		*			
40	1.16	12	In a line of girls, Anitah is the 9th		
12	What number has been expanded to give $(7 \times 10^3) + (6 \times 10^2) + (2 \times 10^1) +$	13	from either sides, how many girls are		
	(1 x 10°)?		in the line?		
		15	Given that set $T = \{3, 5, 7, 9, 8, 2\}$ and		
14	Shade $\frac{3}{8}$ of the diagram below.	15	set S = { 1, 2, 3, 4, 5, 6}		
	8		Find $n(T \cap S)'$		
			(3 in bt (d)		
NAME OF TAXABLE PARTY.					
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11		17	Convert 85ten to base five.
16	Thorted at a speed of 75th	11/	Control
	for 3hrs. Find the distance covered.		
100			
100			
1	Total Control of the	-	
1 3			
1			
18	Solve; $4 - 3p = 13$	19	Name the geometrical shape below
	corre, 1-3p-13	17	Maine the geometric section.
1		-	
10			
0	F. 1		
0	Find the median of the following score	s; 20,	, 16, 25, 14, 13, 35, 12
1			
1.			
1			
124	Section B (6	60 Ma	arks)
21	Given that $n(P) = 17$, $n(Q) = 18$, $n(P \cap C)$)) = 6	and $n(P \cup O)' = 5$ Show the show
	information on the Venn diagram belo	w.	
			(03 marks)
	$n(P) = 17 \qquad n(Q) =$	18	
		\	
	((6)	1	
		-)	
			The second secon
(b) Find $n(\mathcal{E})$		
			(01 mark)
T. E. P.			
			A POST OF THE PARTY OF THE PART
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	(c) Find n(Q)'	(01 mark)
22	Given the numeral 726453. (a) What is the place value of 4?	(01 mark)
	(b) Find the difference between the value of 2 and the value of 5.	(03 marks)
	(c) Write the above numeral in words.	(01 mark)
23	In a class of 68 pupils, $\frac{9}{17}$ are boys and the rest are girls. (a) What fraction of the pupils are girls?	(01 mark)
	(b) Find the number of boys.	(02 marks)
	(c) Find the number of girls.	(02 marks)
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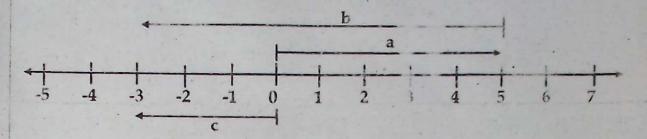
(a) Using a ruler, a pend hexagon of radius 3.5	(a) Using a ruler, a pencil and a pair of compasses only, construct a regular hexagon of radius 3.5cm. (03 marks)			
100				
such time at 5 such a state				
(b) Find it's perimeter.	(02 marks)			
The marks below were s 65, 40, 50, 65, 70. (a) Find the range of the	cored by Joseph in his BOT exams; marks. (02 marks)			
S(1)				
(b) Find Joseph's mean so	ore. (03 marks)			

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26 Study the number line below and answer questions that follow.



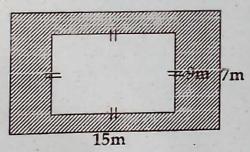
(a) Write the integers represented by the arrows

(01 mark each)

- (i) a = ____
- (ii) b = ____
- (iii) c = ____
- (b) Write the Mathematical statement represented on the number line.

(02 marks)

27 Study the figure below and answer questions that follow.



(a) Find the area of the outer figure.

(02 marks)

(b) Find the area of the inner figure.

(01 mark)

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	(c) Find the area of the shaded part	(02 marks)
28	(a) Given that $a = 3$, $b = 2$ and $c = 4$ find the value of all	bc. (02 marks)
	(b) Solve; 2y + 6 = 18.	(03 marks)
29		
27	(a) Convert 28 days to weeks.	(01 mark)
	(b) Workout: Hrs Mins 7 20 + 3 40	(02 marks)
	(c) Workout: Hrs Mins 6 28 - 3 35	(02 marks)

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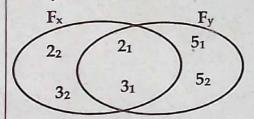
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30	(a) The table I	. (04 marks)		
	Item	Quantity	Unit cost	Amount
	Sugar	2kg	Sh 4200 per kg	Sh
	Soap		Sh 3500 per bar	Sh 10,500
	Cooking oil	1½ litres	sh per litre	Sh 6,000
	Total	Sh		

(b) If he was given a change of sh 5100, how much money did he have at the beginning? (01 mark)

31 Study the figure below and answer questions that follow.



(a) Find the value of x.

(02 marks)

(b) Find the value of y.

(02 marks)

(c) Find the G.C.F of x and y.

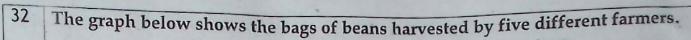
(01 mark)

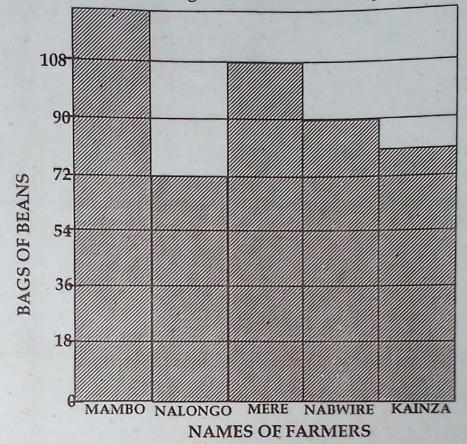
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(a) How many bags of beans did Mambo harvest?

(01 mark)

(b) Find the total number of bags of beans harvested by the five farmers.
(02 marks)

(c) How many more bags of beans did Mere harvest than Nabwire? (02 marks)

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