

THE PRIME EXAMINATIONS 2023

PRIMARY SIX BEGINNING OF TERM I

MATHEMATICS (Abridged Curriculum)

Time allocated 2 hours 30 minutes



Name: Signature: School: School: School: This paper has two sections: A and B. Sections A has 20 Name: Some sections of the product of 127 and 3. Or woled margain may also send a section of the product of 127 and 3. Or woled margain may also send a section of the product of 127 and 3. Or woled margain may also sections. READ THE FOLLOWING INSTRUCTIONS CAREFULLY: QUESTION MARKS OF TAILORD OR WOMEN ATTAINED.
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At time person time and a second time.
(40 Marks) questions and Section B has 12 questions. 1-5
(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
21 - 22
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.
27 - 28
4. No calculators are allowed in the examination room.
21 20
5. Unnecessary changes in your work and handwriting that
cannot be read easily may lead to loss of marks. d being a TOTALIA regent at 100 100 100 100 100 100 100 100 100 10
d APPROVED
5. Do not fill anything in the table indicated Consultant
"FOR EXAMINERS' USE ONLY" Stathematics Department (PEC)
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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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	Section A (4	U IVIAI	
1	Work out: $\frac{7}{10} - \frac{5}{10}$	2	Write 12023 in words.
3	Write 46 in Roman Numerals.	4	Find the next number in the sequence. 4, 7, 12, 19, 28,
5	Use the Venn diagram below to find $n(P \cap Q)$. $ \begin{array}{cccc} P & Q \\ \hline 2 & 1 & 5 \\ \hline 3 & 7 & 8 & 6 \end{array} $	6	Find the product of 127 and 3.
7	Using a ruler and a protractor only	, drav	w an angle of 60° in the space
8	Solve: 3x + 1 = 10	9	Expand 4309 using values.
10	What integers are represented by t	he ar	rows on the number line below?
10	b b -4 -3 -2 -1 0 1	1 2	3 4 5
	(i) a	(ii) b

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11	Change 34 _{five} to base ten.	12	Round off 63197 to the nearest tens.
13	A pupil paid sh.6000 for 6 exercise books. How much would she pay for 4 books?	14	Masaso bought 12kg of rice. Express the quantity bought in grammes.
15	The drawings below show cards with numbers written on them. 4 5 6 7 8 Find the probability of picking at random a card with an even number.	16	Pupils of P.5 scored the following marks in their end of term exam; 40, 70, 50, 30, 60. Calculate the range of their marks.
17	Find the number of $\frac{1}{2}$ litre cups that can fill a 5 litre jerrycan of water.	18	Simplify: $\frac{2}{3} - \frac{1}{2}$
19	A lesson started at 8:30 am and ended at 9:10 am. How long did it take?	20	Find the perimeter of the rectangle below. 5m 12m

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,	the volume.	(02 marks)
		File goals are seen
ATTEM THE	The Complety les	THE WINK PROPERTY OF THE BUILD
(c) Name the	solid figure below.	(01 mark)
Study the nu	mber line below and answer th	e questions that follow.
Study the na	y	
		X
-5 -4	-3 -2 -1 0 1 2	3 4 5 6
(a) What inte	gers are represented by letters;	(01mark each)
(i) x	in the represented by terrers	
(iii) 7		The Section of Control of the Contro
(b) Write a m	athematical sentence represent	ed on the number line. (02marks)
Aguti obtain	ed the following marks in Mid	term III exams.
Aguti obtain	ed the following marks in Mid	term III exams.
		term III exams.
SUBJECT	MARKS	term III exams.
SUBJECT English	MARKS 65%	term III exams.
SUBJECT English Maths	MARKS 65% 85% 50% 70%	term III exams.
SUBJECT English Maths Science	MARKS 65% 85% 50%	term III exams.
SUBJECT English Maths Science SST	MARKS 65% 85% 50% 70% 50%	deff komas headide
SUBJECT English Maths Science SST Computer (a) Calculate	MARKS 65% 85% 50% 70% 50%	dent komus i bu i ide
SUBJECT English Maths Science SST Computer (a) Calculate (i) median	MARKS 65% 85% 50% 70% 50% the: n mark	ded to soon busing.
SUBJECT English Maths Science SST Computer (a) Calculate	MARKS 65% 85% 50% 70% 50% the: n mark	(02 marks)

On Mr. Kanyankore's farm, there are 120 animals. If $\frac{5}{6}$ are cows and the rest are goats.				
(a) What fraction of the animals are goats?	(01 mark			
(b) How many cows are on the farm?	(02 marks			
the management of the war of the	Land near only on all			
(c) How many goats are on the farm?	(02 marks)			
Translation in the state of the	is fundational work (c)			
Study the figure below and use it to answer the ques	tions.			
5cm 8cm				
7cm				
10cm				
(a) Find the area of the small rectangle.	(02 marks)			
	(02////////////////////////////////////			
(b) Find the area of the big rectangle.	(02 marks)			
(c) Find the area the shaded part.	(01 mark)			
	(or mark)			
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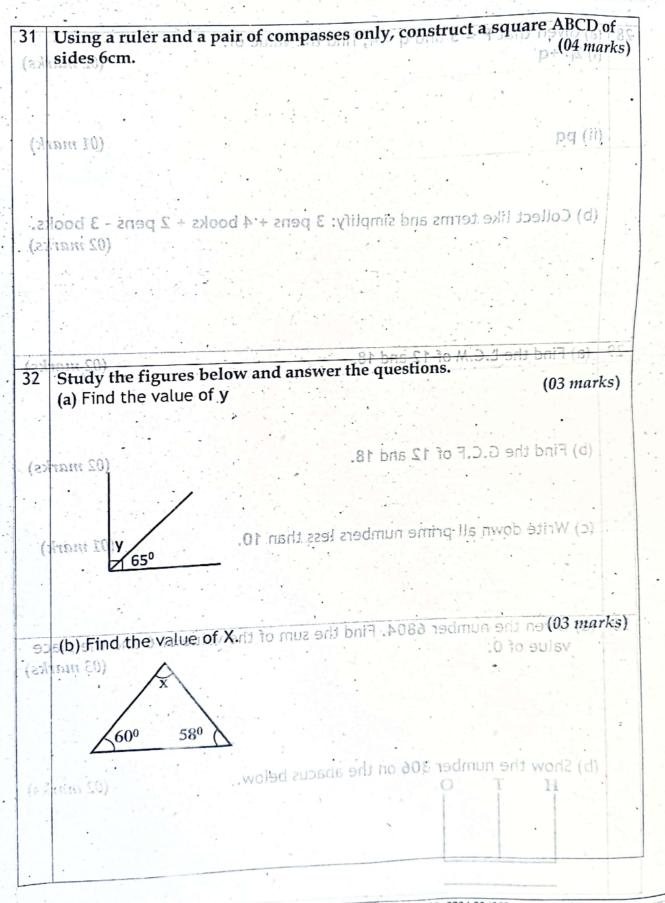
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28	(a) Given that $P = 3$ and $q = 4$, find the value of: (i) $2p + q$	(02 marks)
	pq (ii)	(01 mark)
	(b) Collect like terms and simplify: 3 pens + 4 books + 2	pens - 3 books. (02 marks)
9	(a) Find the L.C.M of 12 and 18.	(02 marks)
	(b) Find the G.C.F of 12 and 18.	(02 marks)
	(c) Write down all prime numbers less than 10.	(01 mark)
0	(a) Given the number 6804. Find the sum of the value of value of 0.	6 and the place (03 marks)
	(b) Show the number 306 on the abacus below. H T O	(02 marks)

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