

## THE PRIME EXAMINATIONS 2023

## PRIMARY SEVEN BEGINNING OF TERM I

MATHEMATICS (Abridged Curriculum)

## Time allocated 2 hours 30 minutes



Name:			
Signature:			
School:			
District Name:			
READ THE FOLLOWING INSTRUCTIONS CAREFULLY	EOR EXA	MINIERS' OS	EONEN
1. This paper has <b>two</b> sections: A and B. Sections A has 20	QUESTION NUMBER	MARKS ATTAINED	INITIALS
(40 Marks) questions and Section B has 12 questions.	1-5		Ph
(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		145
	21 - 22		77.7
3. All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than on	23 - 24		43501
graphs and diagrams will <b>not</b> be marked.	25 - 26	,	
	27 - 28		
No calculators are allowed in the examination room.	29 - 30		447-
that	31 - 32		·
<ul> <li>Unnecessary changes in your work and handwriting that cannot be read easily may lead to loss of marks.</li> </ul>	TOTAL		
5. Do not fill anything in the table indicated  "FOR EXAMINERS' USE ONLY"	-	PPROVED Consultant atics Department	t (PEC)

PRIME FOUCATIONAL CON

THE PRIME SCHEMING FRAME WORKS, PURILS WORKSTOKE, LIESSONG SURSEROTKS, HOUDAY EA REARNING CAMES, REVISION BOILS, RULLAWAY, SE REPORTS AND WARK MORE

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Section A.	(40	Marks	ì
occurring.	UX	Maiks	ļ

1	Workout: 4 3 5 - 215	2	Write 45 in Roman numerals.
3	Given P	ind - (D)	
Ĭ,		ind n(P	5Q)
	3 4 7 8 6		
4	Work out 5 , 2	. 5	Find the next number in the
. i.	Work out: $\frac{5}{8} + \frac{2}{8}$		sequence.
			30, 26, 23, 19, 16,
7.14			
6	Heing a pair of comme		
٠.	Using a pair of compasses, contruc	ct an ang	gle of 90°.

7	Write the number expanded to give: $(7 \times 10^2) + (4 \times 10^0) + (3 \times 10^{-1})$ .
	-4 4 <sub>nve</sub> humber of apples you can buy w
_	
8	Write down the mathemaical statement shown on the number line below.
- B	14 Round off 2598 to the nealest tims.   (5) The avelage class of £gh is 145
	-5 -4 .a-3 m 1-2 or -1 and 10 ii 1 2 3 4 5 6
9	Solve $6 + 2k = 10$ 10 Namata bought 4 packets of milk of
	500ml each. How many litres of milk did she buy?
•	
	16. Find the value of h in the figure bel sw.
	1350
:	
11	Maseruka scored the following marks in a series of tests;75, 80,90,50,0,80,70.
	Find the probability of picking a mark below 79 marks.

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* :			- 1 2200 Find the
12	Workout: 1 0 3 <sub>five</sub>	13	Four apples cost sh.3200. Find the
	- 4 4 <sub>five</sub>		number of apples you can buy with
			1 4000
7			sh.4800.
-			
3			
		1000	
		*	
		100	
14	Round off 2498 to the nearest tens.	15	The average mass of 4 girls is 45kg.
			Find their total mass.
			Tind their total mass.
12.4			
1.10			
100			
1			
100		٠.	
and the		1	
16	Find the value of h in the figure below	٧.	
Paris .	1350		
5 H 1 127	$135^{\circ}$		
4.7			
2.7			
	$\langle 2h \rangle = 65^{\circ}$		HAVE THE RESERVE THE RESERVE THE PROPERTY OF THE PARTY OF
7			
•			

1	7	Kaamani deposited sh.400,000 in a	18	A cyclist covered 8km in 30
·	9	bank which offers an interest rate of		minutes. Find his speed in
ì		4% per month. Calculate the interest		kilometres per hour.
		he got after 4 months.		
_				
			Ţ.,,	
			20	Calculate the volume of the cube
Carrie	9	Given that $m = 9$ and $n = 4$ , find the	20	below.
		square root of min.		Delow.
			1.	M. A.
,				5cm
			,	
	4			
				·
		Section B.		
4	74	In a class of 100 pupils, 50 pupils like	Scie	ence (S), K + 12 like English (E) only,
		K like both Science and English whil		
		(a) Use the information given above	to c	
		n(E) = 100	: i	(03 marks)
		n(S) = 50 $n(E) =$		
		(K)		
7		18		
		The second secon		
		(b) How many pupils like English?		(03 marks)
			- 1	
	1 194			
ŀ				

2	Kawooya bought 20 fresh fish at sh.8000 each. He later sold 12 fish a	1444
	each and the rest at sh.10,000 each. Calculate the profit Kawooya m	(05 marks)
	경하고 있다면 없다. 나는 성상 그는 사람들은 사람들이 살아갔다. 그는 다음	
3	Workout: 0.64 + 0.26	(04 marks)
٦	Workout: $\frac{0.64 + 0.26}{0.36 - 0.06}$	
	0.50	
4	A motorist left town A and traveled for 3 hours at an average spee to town B. He returned at a speed of 90km/hr.	
4	A motorist left town A and traveled for 3 hours at an average spee to town B. He returned at a speed of 90km/hr.	d of 60km/hr (03 marks)
4	A motorist left fown A and traveled for 3 hours at an average spee	
4	A motorist left town A and traveled for 3 hours at an average spee to town B. He returned at a speed of 90km/hr.	
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	(b) Calculate the motorist average speed for the whole journey.	(02 marks)
,		*
, a		
	그렇게 뭐 하다 하는 것이 되는 것이 없는 그 없는데 얼마를 하다고 하네요요?	
5	The sum of three consecutive counting numbers is 126. Find the nu	mbers.
	이 그렇게 되었다. 이 그는 이번 전 그는 이렇게 되지 않는데 하셨다.	(05 marks)
	그 회사가는 기계 되었다. 그 그 선생님은 보다는 사람이 없다.	
-		
	그림 시에 걸게 되는 이렇게 되었다면 하면 되었다.	
1.		
	그 나이 그는 생각으로 보면 그림을 가장하게 하는 것이다.	
7.		
		in ala DOD
6	(a) Using a pair of compasses, a ruler and a pencil only, construct t	riangle PQK
*	in which PQ = 7cm, PR = 6cm and angle QPR = $60^{\circ}$	(04 marks)
	[1] 그는 이 이 일본에 보는 그래요요. 이 이 바람이고 모음을 보고 있다.	
	그 그들은 사람들이 가장 하는 것이 되었다. 그 사람들이 되었다면 하는 것이 되었다면 하는 것이 없는 것이 없는 것이 없는 것이 없다면 없다면 하는 것이 없다면 없다면 없다면 없다면 없다면 없다면 다른 사람들이 되었다면 없다면 없다면 없다면 없다면 없다면 없다면 없다면 없다면 없다면 없	

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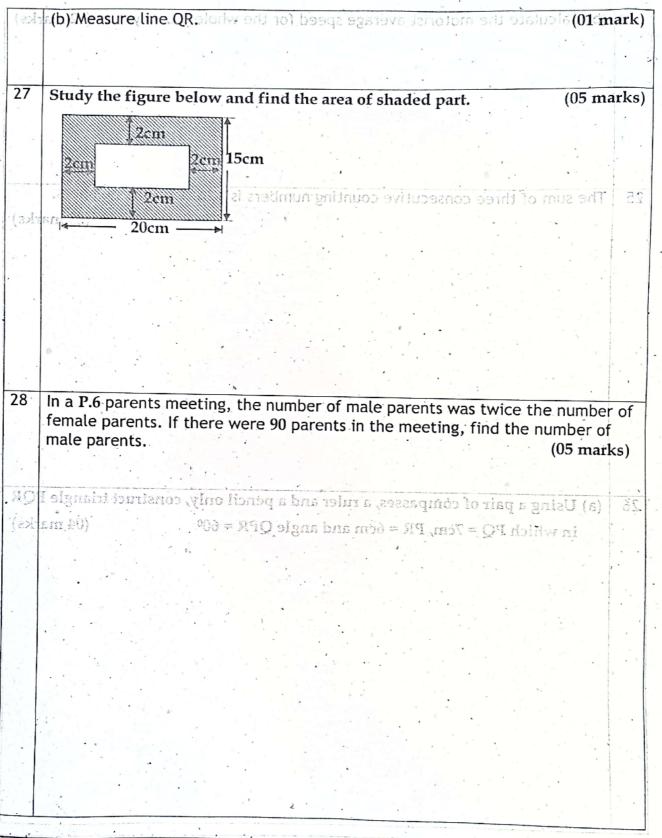
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LESSON COURSE BOOKS AND PUPILS WORKBOOKS.

LESSON COURSE BOOKS AND PUPILS WORKBOOKS.



	7001/					
	700					
	2k 5m					
	(a) Find the value of k.					(03 marks)
-						
-	(b) Find the value of <b>m</b> .					(02 marks)
	(b) I ind the value of in.					(oz marko)
10						
	a librar te di ilika Tandida					
		la la criga La criga				
					Fav	
	The table below shows r				2.6S in a ce	ertain test.
	Study it carefully and an	swer the	questions	below.		ertain test.
	Study it carefully and an Marks	swer the	questions 55	below.	80	ertain test.
Banas Banas Control	Study it carefully and an Marks Number of pupils	20 15	questions 55 20	below. 60 y		
Banas Banas Control	Study it carefully and an Marks	20 15	questions 55 20	below. 60 y	80	
Franchis Co.	Study it carefully and an Marks Number of pupils	20 15	questions 55 20	below. 60 y	80	
Franchis Co.	Study it carefully and an Marks Number of pupils	20 15	questions 55 20	below. 60 y	80	
Franchis Co.	Study it carefully and an Marks Number of pupils	20 15	questions 55 20	below. 60 y	80	
Canada State Lines	Study it carefully and an Marks Number of pupils	20 15	questions 55 20	below. 60 y	80	
Baran Baran Lauri	Marks Number of pupils (a) If 50 pupils did the te	20 15 est, find the	9 55 20 he value of	below. 60 y	80	(02 marks)
Concentration trust	Study it carefully and an Marks Number of pupils	20 15 est, find the	9 55 20 he value of	below. 60 y	80	(02 marks)
Concentration trust	Marks Number of pupils (a) If 50 pupils did the te	20 15 est, find the	9 55 20 he value of	below. 60 y	80	(02 marks)
Concentration trust	Marks Number of pupils (a) If 50 pupils did the te	20 15 est, find the	9 55 20 he value of	below. 60 y	80	(02 marks)
Concentration trust	Marks Number of pupils (a) If 50 pupils did the te	20 15 est, find the	9 55 20 he value of	below. 60 y	80	(02 marks)
Concentration trust	Marks Number of pupils (a) If 50 pupils did the te	20 15 est, find the	9 55 20 he value of	below. 60 y	80	(02 marks)
Concentration trust	Marks Number of pupils (a) If 50 pupils did the te	20 15 est, find the	9 55 20 he value of	below. 60 y	80	(02 marks)
Concentration trust	Marks Number of pupils (a) If 50 pupils did the te	20 15 est, find the	9 55 20 he value of	below. 60 y	80	(02 marks)

1	A man shared 120 hectares of land to his three childen; Andrew Timothy in the ratio of 4:5:6 respectively.	, Joseph and
	(a) How many hectares of land did each get?	(05 marks
-		
	[2] 보고 보고 이번 보고 있다면 하는데 있다. <mark>그런 말라고 있는 고급하다</mark>	
	선생님이 다 남자 교육 가는 하셨다면 <mark>네가 방송을 살았다. 그</mark> 래	
	그리고 들어 그 아버지는 이 시간에 다른 살아가 있었다.	
-	The figure below shows a tank full of water. Study it carefully a	nd use it to
2	answer the questions that follow.	
1.4	answer the questions	
	40cm	
		and the second
	30cm	
1	70cm	(03 marks)
	(a) Calculate the base area of the tank.	(00 marks)
	생활 12 시간 사람이 되었다. 그 생활 그 사람이 되었다면 하다 하는 사람들이 되었다. 그	
2 :		
	선생님, 그는 얼마나 아내는 아내는 아들이 얼마나 하는 그리지만 그래?	
4,	(b) Calculate the amount of water in litres that is in the tank.	(02 marks)
	(b) Calculate the amount of mass	
200		
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