

## The PRIME EXAMINATIONS 2023 P.7 PRE – PLE MAGIC SET III MATHEMATICS

Time allowed 2 hours 30 minutes

	Time anow	-				
INDEX NO: Random	No. Personal		No.	WELL EXI	FOR CPLAINED LESSON VIDEOS STS BY EXPERT TEACHERS	
The state of the s				V W Y	AD THE PRIME LEARN APP	
Candidate's Name:	772019/01/201	, v		w w	ww.prime-leam.com	
Candidate's Signature:		9				
School Random No		. \	r.	۷		
District ID:	3	, E.				
READ THE FOLLOWING I	NSTRUCTIONS	CARELILIA	EOR EX	AMINERS' US	FONIV	
Do not write your schoo on this paper.			QUESTION NUMBER		INITIALS	
	teaper st s		1-5		,	
2. This paper has <b>two</b> sect	ions: <b>A</b> and <b>B</b> Se	ction Á has	6-10		,	
20 questions and section paper has 9 printed pag	n B has 12 questi jes.	ons. The	11 - 15		3	
3. Answer all questions. Al	I the working for	both -	16 - 20	Ü, dağı		
sections <b>A</b> and <b>B</b> must b provided.	e shown in the sp	paces	21 - 22	•		
		, ,	23 - 24		20	
4. All working must be don point pen or ink. Any work	e using a <b>blue</b> or k done in pencil o	black ball	25 - 26		1-42	
graphs and diagrams will	<b>not</b> be marked.		27 - 28			
5. No calculators are allow	ed in the examin	ation room.	29 - 30	- Maria		
6. Unnecessary changes in that cannot easily be read	your work and hi may lead to los	andwriting	31 - 32		ž-	
7. Do not fill anything in the	table indicated "I		TOTAL		,	
Examiners' use only", ar question paper.		APPROVED:				
UBLISHERS OF:-		S	Mathe	Consultant matics Departm	ent (PEC)	

Kampala

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Turn Over

Section	A (40 N	Marks)
Multiply: 33 x 3	2	Express "Ninety thousand sixty" in figures.
d electric		
Loginee Landing Control of the Contr	- 4."	
o be rep		
Workout: $\frac{2}{3} - \frac{1}{5}$	4	Find the next number in the series
Workout: $\frac{2}{3} - \frac{1}{5}$		below. 3, 9, 6, 12, 9,
	**	
How many elements		
How many elements are in a set with 15 proper subsets?	6	If $d = 7$ and $n = 0.4$ , find the value of $d - (n)^2$
.5)	• · · · · · · · · · · · · · · · · · · ·	
Given that the L.C.M of K are LV.		
Given that the L.C.M of K and V is 9	0. Find	d the value of t.
$\left(\begin{array}{cccc} t & \left(\begin{array}{cccc} 2_1 \\ t \end{array}\right) & 5_1 \end{array}\right)$		
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11011071	Using a sharp pencil, a ruler and a		angle of our.
Salah benthances et to solve Silving		76,	
Joseph Control			
181137			
3,000			
11/1/16			
01/10			
)	Write $(4 \times 1000) + (6 \times 100) + (1 \times 10)$ in short.	10	Solve: $11 - 3n = 5$
4			
			The countries of the second
		1	
1	Workout: $2 \div 3 = \underline{\qquad} (mod.5)$	. 8	
	Workout: $2 \div 3 = \underline{\qquad} (\text{mod.5})$	12	A motorist covers 210km in 5 hours.
		. 1	How long will he take to cover 336km
		A	Was
1			
-		. 1	ALL VALUE AND

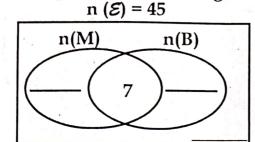
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Express 08: 15am in 24 hour clock system.	14	An article's price was reduced by sh.12000. Natukunda paid sh.36000. Find the marked price of the article.
Stuart is the 7th and the 11th from either sides of the line. How many boys were in the line?	16	Calculate the size of the angle between East and South West through North.
17 Convert 0.04 Hm to cm.	18	Find the value of 3 in 20307.
<ul> <li>Use the letter card below to find the probability of picking letter E at random.</li> <li>G E O M E T R Y</li> </ul>	1 1	A wheel of radius 7cm made 18 revolutions. Calculate the distance it covered.
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		and Irial tests with Marking guide



## Section B (60 Marks)

- In a class of 45 pupils, 15 eat Meat (M), 21 eat Beans (B) only while 2d 1 eat neither of two kinds of sauce.
  - (a) Complete the Venn diagram below.

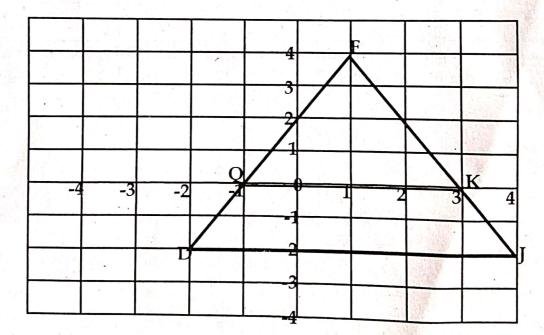
(03 mark



(b) Find the value of d.

(02 marl

Study the figure on the grid below and answer the questions that follow. 22



(a) Write the co-ordinates of points;

(04 mar.

(i) D: \_\_\_\_\_

(ii) K:

(ii) J: \_\_\_\_

(iv) F: \_\_\_\_\_

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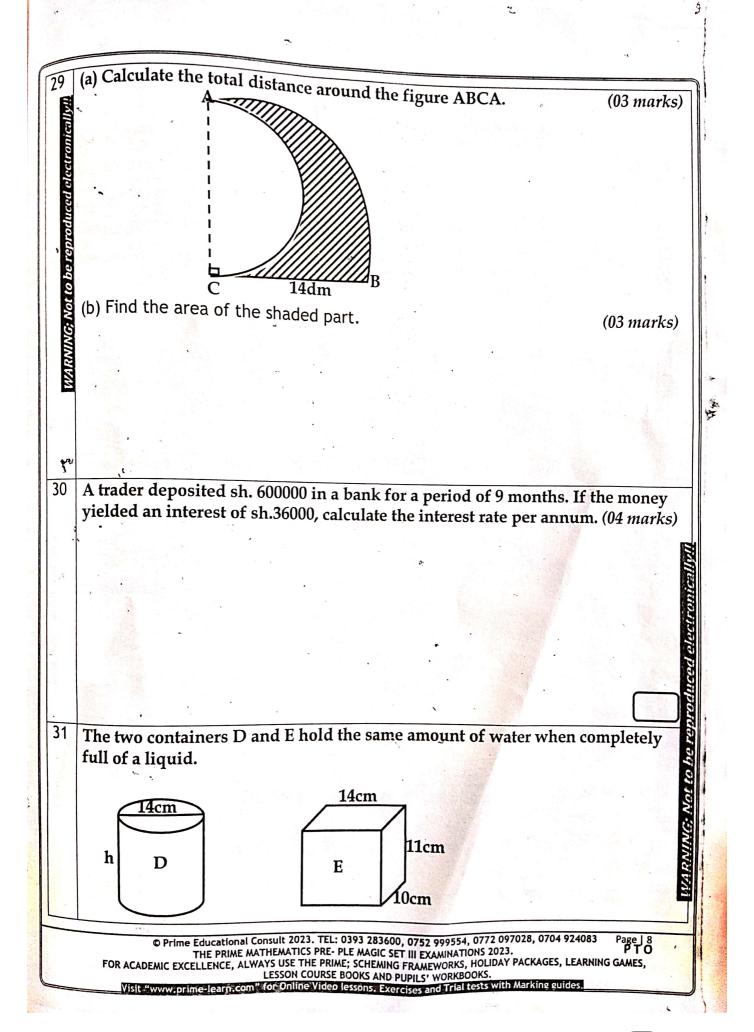
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(b) Calculate the area of the figure DQKJ.	(01 mark
electronneally!	
<mark>४) । । । । । । । । । । । । । । । । । । ।</mark>	
(a) Solve the inequality $16 \le -4$ (d – 1)	(03 marks
	화 개호하는 아니라는 학교장이 모모다
(b) Simplify: 7f - 2 (3 - f)	
(1) (1) (1) (1) (1)	
(b) Simplify: 7f – 2 (3 – f)	(02 marks
그 🖟 그렇게 잃어 그렇게 되었다. 이번 시간 하는 그 모든 사 있다.	
그 집 하다.	14월 1일이 및 경영의 연기를 보는 1일이
그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	
(a) Heing a pair of	
(a) Using a pair of compasses, a ruler and a sharp	pencil only, construct a
(a) Using a pair of compasses, a ruler and a sharp square in a circle of radius 4cm.	
(a) Using a pair of compasses, a ruler and a sharp square in a circle of radius 4cm.	pencil only, construct a (04 marks)
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Tallo Hill.	
Tallo Hill.	
(a) Using a pair of compasses, a ruler and a sharp square in a circle of radius 4cm.  (b) Measure one of its sides.	(04 marks)
Tallo Hill.	
Tallo Hill.	(04 marks)

(a) Given that 100h = 34 seven. Find the value of h. (03 marks) 101 two (b) Work out: (02 marks) 1 1 1 two a) Complete the shopping bill table below correctly. 26 (03 marks) Item Quantity **Unit cost** Total cost Beans 1½ kg Sh. perkg Sh.9000 Sugar 250gm Sh.5000 a kg Sh. Cooking oil sackets Sh.1750 Sh.5250 b) How much would one pay for 20 sackets of cooking oil? (02 marks)

Study the figure below and find the value of unknown angles. 4nn  $112^{0}$ (a) Find the size of angle; (i) d: (02 marks) (ii) f: (01 mark) (iii) m (02 marks) A worker spent  $\frac{1}{2}$  of his salary on rent,  $\frac{1}{8}$  on food and 33  $\frac{1}{3}$ % of the remainder on clothing and banked sh. 40,000. Calculate his total salary. (05 marks) © Prime Educational Consult 2023, TEL: 0393 283600, 0752 999554, 0772 097028, 0704 924083

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(a) Calculate the height of container D.	(03 marks)
Cotton	
den de la companya de	
duce the second	
(b) Find the volume of container E in cm <sup>3</sup> .	(02 marks)
(b) Find the volume of container E in cm <sup>3</sup> .	(02 marks)
WARNING-No	
32 A motorist covered a distance of 81km from 8: 48am to 10:18	am. Calculate his
speed in m/s.	(05 marks)
Community attacks to the street of the stree	
Tributa code to the manager of the state of the	
and devices	
REVISION TIP Make a plan and do assured to	
Make a plan and do some revision every day.	
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