KAMPALA CAPITAL CITY AUTHORITY

KCCA RAMPALA CAPITAL CITY ANTHORITY For a Active City

DIRECTORATE OF EDUCATION AND SOCIAL SERVICES PRIMARY SEVEN MOCK EXAMINATIONS 2022

MATHEMATICS

	TIME ALLOWED:	2 HOURS 30	MINU	TES		
INDEX NO:	EMIS No.	Persona	l No.			
CANDIDATE						
CANDIDATE	'S SIGNATURE:					
	LAGO	•••••••••				
DIVISION NA	ME:					
Read the fo	llowing instructions c	arefully.				
	is made up of two sect				EXAMINE SE ONLY	73
2. Section A	has 20 questions (40 n	narks)		QN. NO.	MARKS	SIGN
3. Section B	has 12 questions (60 n	narks)		1 - 10		
4. Answer Al	L questions in both sec	ctions A and	в			
5. ALL answe	ers MUST be written in	Blue or Blac	k	11 - 20		
Ball - poin	t pen or ink					
6. Un-necess	ary changes in your wo	ork may lead		21 - 25		14.1

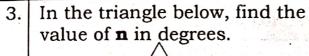
- to loss of marks.
- 7. All diagrams MUST be drawn in pencils.
- 8. Any handwriting that cannot be easily read may lead to loss of marks.
- 9. Do **not** fill any thing in the boxes shown "For Examiner's use only".

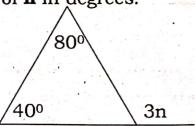
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QN. NO. MARKS SIGN 1 - 10 21 - 25 26 - 30 31 - 32

SECTION A

1.	Workout: 12 x 3	2.	Subtract: 2 0 3five
		A SE	
18.			





Given that n = 3 and m = -2, 4. evaluate 2n + m

If a dice is tossed once, what is 5. the chance of picking a square number?

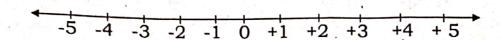
What number has been expanded to give;

 $(7x10^3)+(6x10^1)+(8x10^{-1})+(4x10^{-2})$

7. Mary had 20 litres of liquid soap. She gave each child ½ litre. How many children did she give?

Find the median of the numbers. 8, 10, 4, 1, 6 and 9

9.	Workout using the number line below. 3 - +5	
	ening the fightbet life below.	

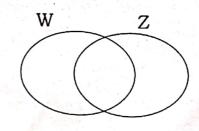


10. Using a ruler, a pencil and a pair of compasses only, construct an angle of 75° in the space provided below.

12. Write 147 in Roman numerals.

13. Peter got 21/2% in a Maths contest. What fraction of the work did Peter get?

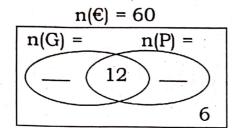
14. In the Venn diagram below; Shade Z1.



Solve the equation: $\frac{1}{2}p + 1 = 3$	3. 45 + 1 50	o. The two base angles of an isosceles triangle are: $(2x + 50)^{\circ}$ and $(4x+20)^{\circ}$. Find the value of x
19.	18.	20.
15. What angle is a complement of $(2x + 30)^{0}$?	Find the area of the Parallelogram below. Second Sec	19. A pupil has $\frac{2}{3}$ of an orange. If she gave $\frac{1}{4}$ of it to her friend. What fraction of the orange did she remain with?

0

- 21. In a birthday party, **60** students were invited, **42** were served with popcorns (**P**), **r** were served with groundnuts (**G**), **6** did not take any and **12** were served with both eats.
- a. Represent the above information in the Venn diagram below. (2marks)



- b. How many students like ground nuts?
- E. Find the number of students who were served with one type of eats.

(2marks)

(2marks)

- c. Find the number of students who were served with one type of eats.

 (1mark)
- 22. Complete the shopping bill table below.

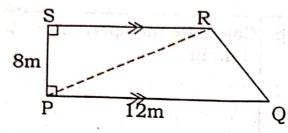
(6marks)

ITEM	UNIT PRICE	QUANTITY	AMOUNT
Bread	sh. 3,500 per loaf	2 loaves	sh
Meat	sh. 10,000 per kg	kg	sh. 5,000
Rice	sh per kg	1½ kg	sh. 6,000
Sugar	sh. 3,000 per kg	1.5kg	sh
Milk	sh. 1200 per litre	2½ litres	sh. 3,000
Total expenditure			sh

23.	Write CDXLIX in Hind numerals.	du Arabic 1		Find the sum of the place value of 4 and the value of 6 in the number: 435.16
(g - A			1	(a) (a) (b) (a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c
	president an insufficient	(2marks)	- L	(3marks)
24.	The pie chart below so If she saves sh. 120,0	hows how Mr 000 , how mu Savings	s. (Opio spends her monthly income. money does she earn per month?
	1260	n 3n Rent		runsk * einr=1: ± 5 m = m
				(5marks)
25. a.	Simplify: 0.12 x 5.4 0.03 x 0.6		b.	Express 0.5454 as a common fraction.
		(4marks)	,	(2marks)

2	6. A bus left Kampala bus park at 8 a distance of 270km apart.	3:30	am and reached Soroti at 1:00pm
a	How long did the bus take to reach Soroti?	b.	Calculate the speed of the bus in km/hr.
			All to the and being home.
	(2marks)		(3marks)
27. a.	Write 955 in Roman numerals.	b.	Nashed has 496 goats on the farm. Round off the number of her goats to the nearest tens.
	(2marks)		(1mark)
c. 1	Workout: 3 – 4 = p <i>(mode 5)</i>		(2marks)

Commence of the last	28.	The	area	of the	figure	below	is	72m ²	
1									



a. Find the length of **SR**.

(3marks)

b. Workout the area of the triangle RSP.

(2marks)

Using a pencil, a ruler and a pair of compasses only, construct a kite
ABCD where diagonal AC = 11cm, BD = 6cm and line AB = AD = (5marks)

b.		mark)
	그 그 경에 대통에 대한 대한 대한 대학교에 대한 경우를 하고 있다면 하다고 있다.	
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30.	A man deposited shall not be a hard- which size 50/ interest	
50.	A man deposited sh. 120,000 in a bank which gives 5% interest raper month for four months.	te
a.	Coloulate the	arks)
	[[] 전도 병기 전기 [] [] [] [] [] [] [] [] [] [
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		5.5
	그는 그는 하는 사람들이 들어서 그리지만 말을 하다. 얼룩한 것 같아요 하다면 없었다.	
-		
, ,	[
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D.	How much money will be have at the end of the period?	
b.	How much money will he have at the end of the period? (3me	arks)
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		arks)
31.	. Solve for m :	arks)
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(C)

b.	Nakiku is three times as old as her son Kiku. In 5 years time, their total age will be 46 years. How old will Nakiku be in 8 years time? (3marks)					
	그는 그는 그 이 그는 사람들이 하는 사람들이 되었다. 그는 그는 사람들이 모든 사람들이 얼마를 가지 않는데					
	그 이 그는 그가 되어야 하다는 그래? 그는 생생님, 아이에 되었다는 이 그리고 있었다. 그는 그래 없다					
	[1] 이 경기는 이 이 아름이 되었습니다. 그리아 되는 아들이 아이 지수야 됐다면 하는 이 모시 하셨					
32.	Simplify: $n^2 \times n$ b. $m^6 \div m^2$					
a.						
	그 아이는 그는 그들은 사람들은 사람들이 그렇게 되었다. 그는 그를 가게 되었다.					
	(1mark) (2marks)					
c.	$\underline{a^2 \times a^5}$ (2marks)					
С.	$\frac{a^2 \times a^5}{a^3}$ (2marks)					
-						
	그는 그는 그는 그들은 사람들이 되는 사람들이 되었다면 하는 그는 사람들이 되었다.					

END

