KCCA PRIMARY SCHOOLS EXAMINATIONS COMMITTEE
PRIMARY SIX END OF YEAR EXAMINATIONS 2022
MATHEMATICS

SWCTION & IROMOVER

TIME ALLOWED: 2 HOURS 30 MINUTES.

PUPIL'S NAME:					_
SCHOOL:	MARKE BARRET	- 1 1 hi	animent beingerin	Describe the on	1
DIVISION:	that they do the first period of the pro-		m iselow.	the Venn diagra	

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Read the following instructions carefully.

- 1. This paper is made up of two sections: A and B
- Section A has 20 questions (40 marks)
 Section B has 12 questions (60 marks)
- 3. Answer **all** questions. **All** answers to both section **A** and **B** must be written in the spaces provided.
- ALL answers MUST be written using a Blue or a Black - point pen of fountain pen.
- 5. Un-necessary changes of work may lead to loss of marks.
- 6. Any handwriting that cannot easily be read may lead to loss of marks.
- 7. Do not fill any thing in the boxes shown "For Examiner's use only".

	EXAMIN SE ONL			
QN. NO MARKS SIGN				
1 – 10		The state of		
11 – 20				
21 – 25			(1) (1) (1) (1) (1)	
26 – 30				
31 – 32	N. ST.			
TOTAL				

 \mathbb{C} 2022 KCCA PRIMARY SCHOOLS EXAMINATIONS COMMITTEE.

SECTION A (40Marks)

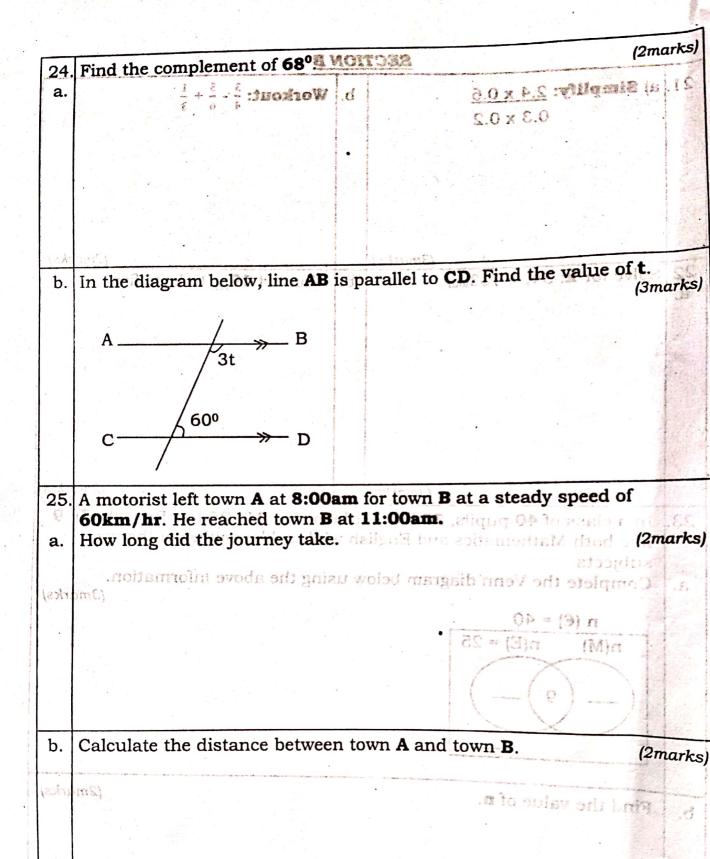
1.	MATICS WATER TO 32	
E .	TOURS 30 MINUTES	amen s. nand
3.	Describe the unshaded region in the Venn diagram below.	4. Expand 65480 using exponents.
	Salving. Salving. Salving. One of the control of	DO NOT OPEN THIS BOOKLET UNTIL Read the following instructions care 1. This paper is made up of two serior 2. Section A has 20 prestions (40 mar Section B has 12 aresions (40 mar)
5.	Find the next number in the sequence. 1, 3, 4, 6, 7,	Answer all que A : 12 - 12 - 12 - 12 - 12 - 12 - 12 - 12
	1d 10 (188) 21 - 25	. Un necessary changes of work may it of marks.
7.	Workout: $\frac{5}{8} \div 1\frac{1}{4}$	8. Given that represents 25 balls, draw pictures to represent 100 balls.
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9.	Find the value of x in the figure below. 2x ⁰ 80 ⁰	10.	
11.	Peter bought 4 apples for sh. 2,000 How much money could he pay if he wanted 7 apples?	12.	A bicycle tyre has a diameter of 35dm . Calculate the circumference of the tyre. (Use $\Pi = \frac{22}{7}$)
13.	Given that Set D = {book, pen}, list all the subsets of Set D .	14.	The diagram below shows the prime factorization of 40. Find the value of m and p .

15.	Increase 800 goats by 5%.	16.	a = b =
17.	Using a ruler, a pencil and a pair of compasses only, construct an angle of 45 °.	18.	If $\mathbf{w} = 3$ and $\mathbf{n} = 4$, find the value $\mathbf{w}^2 - \mathbf{n}$
	i Re la langua mangalb will i i Re la contrata de la contrata del contrata de la contrata de la contrata del contrata de la contrata del contrata de la contrata de la contrata del contrata de la contrata del contrata	Contract the second second second second	
19.	Round off 33981 to the nearest hundreds.	20.	Divide: 1818 by 6.

22. Solve for k: 34k = 103 four of bland b. Convert 19 ten to base five a. (2n) 23. In a class of 40 pupils, 20 like Mathematics (M), 25 like English (I like both Mathematics and English while n like neither of the two subjects. a. Complete the Venn diagram below using the above information.	1874.11	SI (2ma	CTIO	Find the complement of 68°EN
22. Solve for k: 34k = 103four of the billion by Convert 19ten to base five a. Convert 19ten to base five (2nd) 23. In a class of 40 pupils, 20 like Mathematics (M), 25 like English (R) like both Mathematics and English while n like neither of the two subjects. a. Complete the Venn diagram below using the above information.	21.	The state of the s	b.	Workout: $\frac{3}{4} - \frac{5}{6} + \frac{1}{3}$
22. Solve for k: 34k = 103four of the b.: Convert 19ten to base five 23. In a class of 40 pupils, 20 like Mathematics (M), 25 like English (I like both Mathematics and English while n like neither of the two subjects. 24. Complete the Venn diagram below using the above information.				
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In a class of 40 pupils, 20 like Mathematics (M), 25 like English (In like both Mathematics and English while n like neither of the two subjects. a. Complete the Venn diagram below using the above information.	Ster B. Wespiel Co.	In hearts wheats a to m (3mar)	ks)	(2mar
어느 가게 하는 것이 되면 가게 하는 이 사람들이 가게 하는 가장에 가장 하는 것이 되었다. 그는 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은	ATEN	In a class of 40 pupils, 20 like like both Mathematics and En subjects.	Mathe glish w	ematics (M), 25 like English (E), while n like neither of the two sing the above information.
n (e) - 40		회 보인 트립스 회사 회 관련하게 가지 않았다.		(3mar
$n(M) \qquad n(E) = 25$		3 .70 .20		

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26. Aminah went shopping and bought the following items for her party as shown in the diagram below.

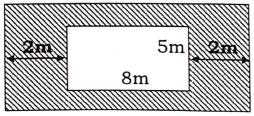
ITEM	QUANTITY	UNIT COST	AMOUNT
Maize flour	3kg	sh. 4,000 per kg	sh
Meat	kg	sh. 14,000 per kg	sh. 7,000
Sugar	500gm	shper kg	sh. 2,500
Cooking oil	litres	sh. 9,000 per litre	sh. 27,000
TOTAL EXP	ENDITURE		sh

a. Complete the table above.

(5marks)

b. If she was given a discount of **shs. 2,500**, how much did she pay for all the items?

27. Study the figure below carefully and use it to answer the questions that follow.



7m

	(2marks)
a.	Calculate the length of the outer figure.
	Calculate the length of the
	[10] 하는 그, 교육 전에 이 그리는 회원 회사 연락하는 이 그는 내용 전에 가게 하는 이 모든 점점 [12] 그 아는
b "	이 그는 이 하는 아들이 모든 것으로 하는데 그 아이가 하는데 그렇게 되고 있다면 하는데
	는 사람들이 많이 있습니다. 그들은 사람들은 얼마를 하지만 되었다는 것이 되는 것이 되어 없었다면 보다.
	io - miral
b	Workout the area of the shaded region. (3marks)
b.	Workout the area of the shaded region.
	H. H
4	[1] - 그 그는 이 12 젖었다는 요마 원래 있으면 이 일찍하는 것 하셨습니다. 이 모든 모든 모든 모든 모든 것이다.
	그는 그는 일도 그 사람들에게 아니고 있다면 하는 것이 되었다. 그리고 있다면 하는 것이 되었다.
	B - B - B - B - B - B - B - B - B - B -
	그는 그들이 그리는 이번 이번 나는 아이를 하면 바쁜 사람들은 그릇을 받았다면 하는데 하는데 되었다.
	L. 그 등이 하다는 하는 이번 하는 것이 하나 사람들은 사람들은 바로 함께 되었다.
	사용 보다 보다 그는 그는 사람들이 되었다. 그들은 그리고 아내리를 가는 것이 되었다면 살아왔다. 그는 그들은 바다
28.	Solve for y : $2(y + 1) = 8$
	Solve for \mathbf{y} . $2(\mathbf{y} + 1) = 0$ (2marks)
a.	(2IIIII KS)
	이 그 그 그는 그는 그는 그래에 하는 그리고 그는 그는 가장이 하는 그는 그는 그를 가장 바다가면 어떻게 하셨다.
	어느 그렇지 그는 것도 그 이번 그목으로 하는 그는 이 그들은 어느를 하게 되었다. 그는 바람이 되었다고 그를 이용해서 어떤 수 있었다. 어느 바다
	그는 이렇게 되었다. 하나라는 아내는 점심하는 아이들은 종교를 다 하는 것이 하는 경우를 보고 하셨다고 있다.
	기가 되는 것이 되는 것이 되었다. 그런 경기에 가장 사람들은 생각하는 것이 되었다.
1	
b.	John is 2x years old and Sarah is x years old. If their total age is 18,
b.	John is 2x years old and Sarah is x years old. If their total age is 18, how old is John?
b.	John is 2x years old and Sarah is x years old. If their total age is 18, how old is John? (3marks)
b.	now old is long?
b.	now old is John? (3marks)
b.	now old is John? (3marks)
b.	now old is John? (3marks)

29	Using a ruler, a pencil and a pair of compasses, construct a triangle CAT where line CA = 6cm, angle CAT = 30° and angle ACT = 60°.
. , .	
17.	
4	
- 7	그런 하고 말이 집에 가는 사람들이 가게 하지 않아 하고 있다.
	그 존속하는 그 이 교육 중요한 경험적인 시간에 가는 이 이 시간인 것들은 경험을 위한다고 있다.
~	
. In a	b. U eagh cup costs shs. 1,500, how inneh croner did he get? 2001
b.	Measure line CT. (1mark)
30.	Mr. Mulema shared some money among his three daughters Martha,
	Pauline and Tracy in the ratio 2:3:5 respectively.
a.	Given that Pauline got shs. 15,000, find the total amount of money that
5	was shared. only negligible number of childs on who significants)
	a. Find the value of y in degrees
	A R
b.	How much more money did Tracy get than Martha? (3marks)
	(Onarras)
	h History are 720 ciuldrent how many children passed in school B?
0	

31	Jacob	sells	milk	using	500ml	cup.
		The Proof of				

CAT Where the CA - Great and If he sold 20 litres using the same cup, how many such cups of milk (3marks) did he sell?

If each cup costs shs. 1,500, how much money did he get?

(2marks)

neasure line CT

Nullation states some proper various nighters detailed in

- The pie chart below shows the number of children who passed in three 32. schools in Kampala district. Use it to answer the questions that follow.
- Find the value of y in degrees. a.

(2marks)



If there are 720 children, how many children passed in school B?

(2marks)