KASESE DISTRICT PRIMARY SCHOOL HEADTEACHERS' ASSOCIATION

PRIMARY LEAVING MOCK EXAMINATIONS 2024

MATHEMATICS

Time Allowed: 2 Hours 30 Minutes

INDEX NO.

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7.

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Candidate's Signature			AND SHOW THE PERSON
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Sub-county		Charles and	
DO NOT OPEN THIS BOOKLET UNTIL YOU AF	RE TOLD T	O DO SO	<u>D</u> .
ead the following instructions carefully		EXAMINE SE ONLY	
This paper has two sections; A and B .	Qn. No.	MARKS	CONTRACTOR OF THE PARTY OF THE
Section A has 20 questions (40 marks)	1 - 5	A CONTRACTOR OF THE PARTY OF TH	Carrier State Carrier States and a second
Section B has 12 questions (60 marks)	6 - 10	e de l'amont republication de la commence de l'amont de l'amont de l'amont de l'amont de l'amont de l'amont de	on your value and a second control of
Answer <u>ALL</u> questions in Section A and Section B. Answers must be written in the spaces	11 - 15	MI BEET T	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
provided.	16 - 20		
All answers must be written using a blue or black ball-point pen or ink. Only diagrams may be done	21 - 22	THE RESIDENCE OF THE PROPERTY	or A-LSca
in pencil.	23 - 24	and the state of t	THE RESERVE AND ADDRESS.
Unnecessary alternation of work may lead to loss	25 - 26	- rest Will	mia
of marks.	27 - 28	(Welling to Washington to the French Line open and	ANDRESS STREET, WITCHES AND THE STREET

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lead to loss of marks.

tables is not allowed

Any handwriting that cannot easily be read may

The use of electronic calculators and Mathematical

Turn over

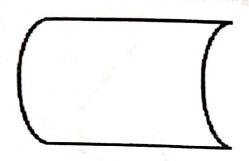
29-30

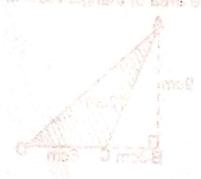
31-32

Total



Show and count the lines of folding symmetry.





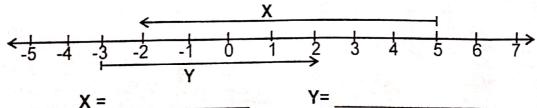
Round off 53.68 to the nearest one decimal place.

Saul had bank notes murabased consecutively from PQ 0657200 Work out the mean of 4x, 8, 12 and 8x -4.

Express a quarter to midnight in a 24 hour clock system.

Express 33 1/2% as a common fraction.

Write the integers represented by the arrows on the numberline below.

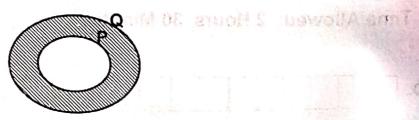


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MTC .

SECTION A (40 MARKS)

- 1. Work out: 76 42
 - PRIMARY LEAVING MOCK EXAMINATIONS 2024
- 2. Describe the shaded part of the diagram.



3. Write in words: 72,043.

OLE THE ME DA

- 4. Work out $1\frac{1}{3} \frac{3}{4}$
- Fill in the missing numbers in the sequence below.
 4, 6, 8, ____, 10,
- 6. Simplify ½ (4x + 8) (x − 9) of the very story to determine years again.

#1. TE



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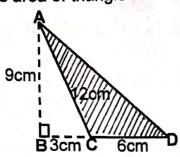
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Ali answera must be written uerng a bius of blacke bad-bolm ben or ink., Only die jirams may be Jone

May herbury that cannot easily be reen may

white the said of the

12. Find the area of triangle ACD in the figure below.



13. Saul had bank notes numbered consecutively from PQ 0057200 to PQ 0057299. If each note is worth five thousand shillings, how much money did he have?

were the transport of the second place

14. Express 33 1/3% as a common fraction.

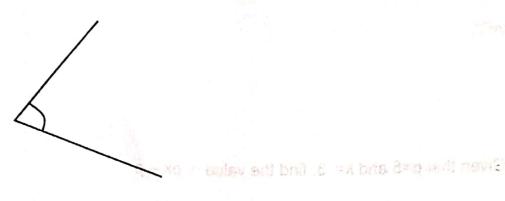
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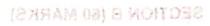
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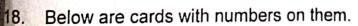
15. Using a pair of compasses and a ruler, bisect the angle below.



16. Find the range of -5, 0, +3, +2, -3 and -1.



 A bus covered a distance of 90km in 1 ½ hours. Find its speed in kilometres per hour.



- 2
- 5
- 3
- 7
- 9
- 6
- 4

Find the probability of picking a card with a number less than 5.

(chart

5

Turn over MTC

Convert 18ten to binary ligns ent specid, refun a bina essessimos to mag a pre-19.

20. Given that p=5 and k=3, find the value of pk-p



SECTION B (60 MARKS) 21. Work out 1101two -110_{two}



(2mks)

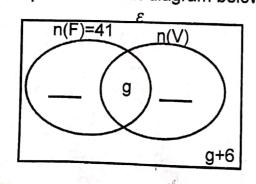
Given that: $202_k = 52_{ten}$, find the value of k. (b)

(3mks)

Below are cards with numbers on the

In a sports club, 41 people play foot ball (f), 3g+6 people play volley ball (V) 22. only, g people play both games and g+6 play neither of the two games. Complete the venn diagram below.

at a distance of Submitted in A hours. Find its speed in kniometre



(2mks)

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			(211)
(471)			
(c) How man	y people play volley	/ ball?	
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			and the second second second
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The shopping b			n in a certain weeken
	oill below shows the	expenditure of a ma	equesté no productue no Partie de la compara en
Complete it.	Quantity	expenditure of a ma	Amount
Complete it. Items Meat	Quantity 1 ½ kg	Unit cost Sh.15000	Amount Sh.
Complete it.	Quantity	Unit cost Sh.15000 Sh. 6000	Amount Sh. Sh. 18000
Complete it. Items Meat Rice	Quantity 1 ½ kgkg	Unit cost Sh.15000	Amount Sh.

Items	Quantity	Unit cost	Amount
Meat	1 ½ kg	Sh.15000	Sh.
Rice	kg	Sh. 6000	Sh. 18000
Cooking oil	2 litres	Sh.	Sh.
Salt	3 packets	Sh. 1000	Sh.
TOTAL EXPEN	DITURE		Sh. 63500

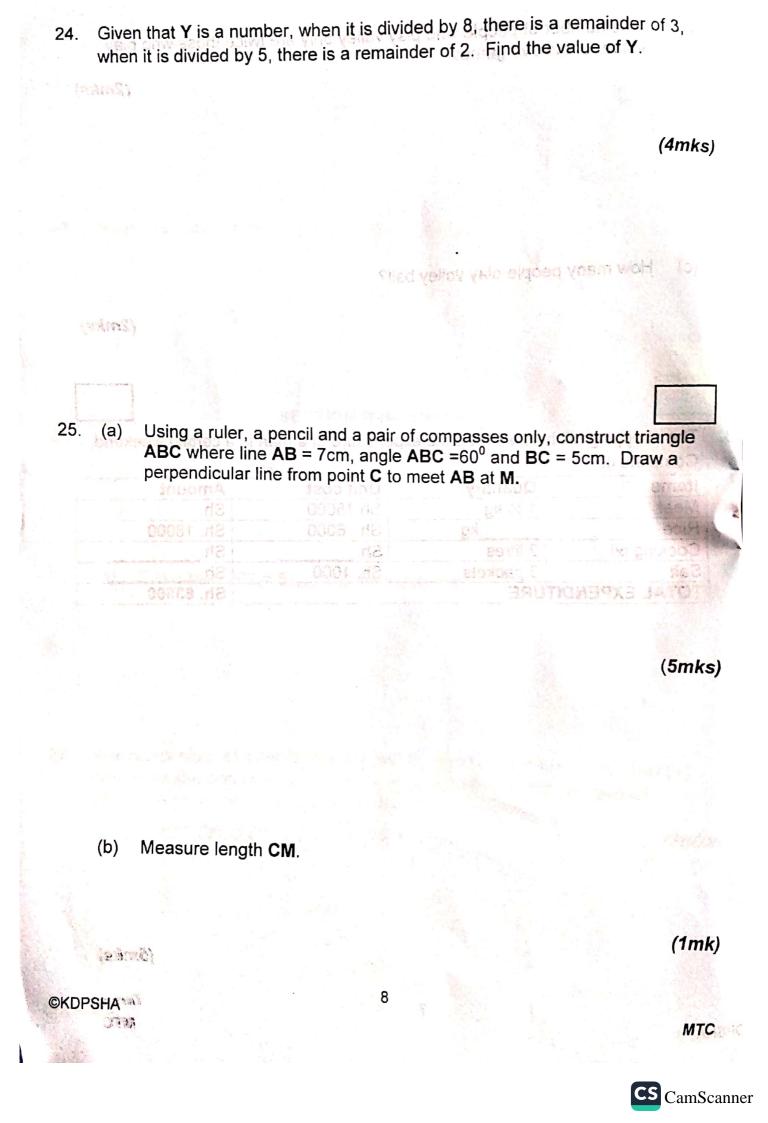
MO iffonsi erussaM (d)

(5mks)

Turn over MTC

(smks)

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26.	The sum of 4 consecutive add numbers	s is 96.	If the last	number is P.	Find the
	numbers.				

(4mks)

- 27. On a farm $\frac{1}{3}$ of the farm is covered by banana plantation, $\frac{2}{5}$ is covered with sugarcanes, $\frac{1}{6}$ is covered by cassava and the rest is left for grazing animals.
 - (a) What fraction is left for grazing animals?

(A 1919 A)

(3mks)

(b) If 10 hectares were left for grazing animals. What is the total size of the farm.

(2mks)

Turn over

28. (a) Solve the inequality: 9< - 3(k-1).

(Admit)

(2mks)

(b) Write the first three values of the solution set of the inequality above.

(1mk)

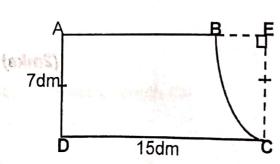
29. Study the magic square below and find the missing number.

35		
Sec.	4	
1	JA 75-	0.34

24		
29	36	
*	40	30

(5mks)

30. Study the figure ABCD below and answer the questions that follow.



10

(a)	Find the length of arc BC.		Leage	S CRITISM	a with	9/4	olb.
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(2mks)

(b) Work out the perimeter of figure ABCD.

(3mks)

31. The table below shows a distance time table for a bus travelling from Kampala to Kasese.

	Mainpaia to i	dococ.			
	Town	Distance	Arrival	Departur	
1	Kampala	0km		8:30am	
	Mubende	45km	9:40am	9:50am	
	Kvenioio	105km	11:00am	11:15am	

12:20pm 12:40pm 2:00pm

(a) At what time did the bus arrive at Fortportal?

120km 75km

(1mk)

(b) How long did the bus rest at Kyenjojo?

(1mk)

(c) Name the figure formed.

11

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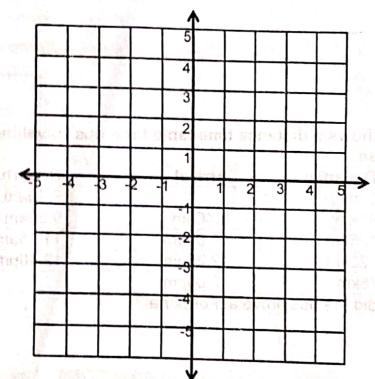
Acort;

Fortportal

Kasese

(c) Calculate the average speed of the bus from Mubende to Fortportal. (3mks)

32. (a) Plot P(⁻3, ⁺4) R(⁺1, ⁺4) Q(⁻3, ⁻1) S (⁺5, ⁻1) on the grid below.



(4mks)

(b) Join points P to R, R to Q, R to S, S to Q.

(1mk)

(c) Name the figure formed.

(1mk)

END

(Am)