

KIYINDA - MITYANA DIOCESE CATHOLIC PRIMARY SCHOOLS HEADS' ASSOCIATION (CAPSHA)

P. L. E. MOCK EXAMINATION 2024

MATHEMATICS

Time: Allowed 2 Hours 30 Minutes

Signature:

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Personal No.

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

READ THE FOLLOWING INSTRUCTIONS CAREFULLY.

1. Do not open this booklet until you are told to do so.

Candidate's Name:

- 2. This paper comprises two sections A and B.
- 3. Section A has 20 questions (40 marks) Each question carries 2 marks.
- 4. Section B has 12 questions (60 marks)
- 5. The paper has 12 pages altogether.

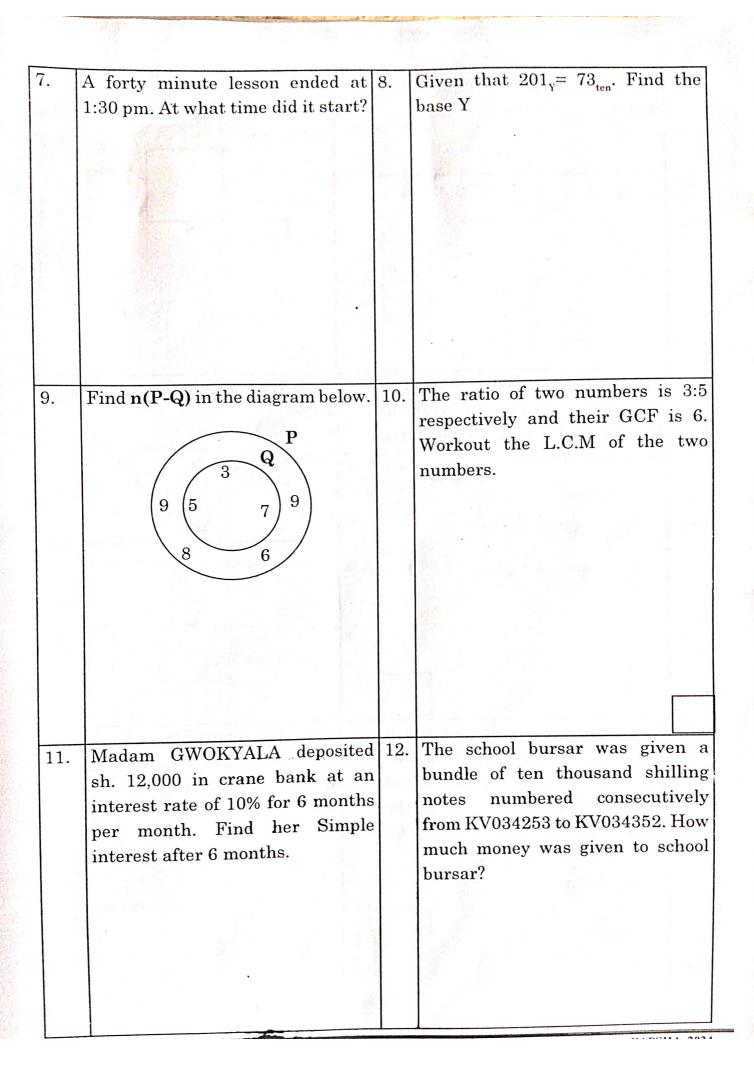
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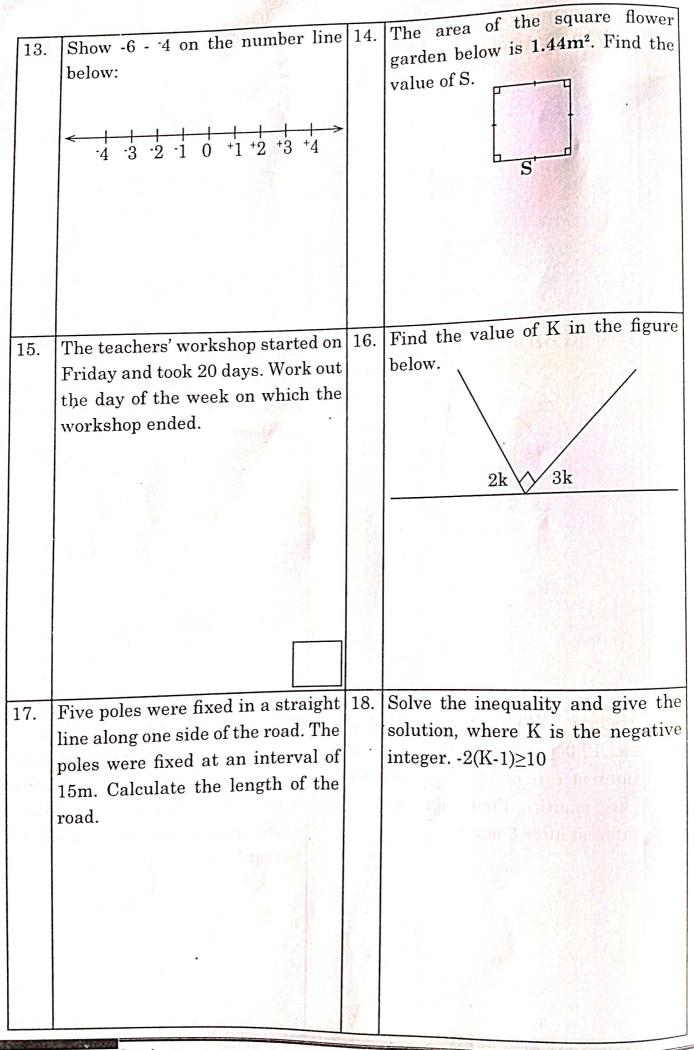
- All answers to both sections A and B MUST be written in the spaces provided
- 7. All answers must be written in blue or black ballpoint pen or ink.
- 8. No calculators are allowed in the examinations room.
- Diagrams and Graph work must be done in pencil strictly.
- Un necessary alteration of work will lead to loss of marks.
- Any handwriting that cannot easily be read may lead to loss of marks.
- 10. Do not fill anything in the boxes indicated "FOR EXAMINERS USE ONLY" and those inside the question paper.

FOR EXAM	IINER'S US	SE ONLY
QN. No.	MARKS	SIGN
1 - 5		
6 - 10		
11 - 15		*
16 - 20		-10
21 - 22		
23 - 24	e e e	
25 - 26	7, =	
27 - 28		
29 - 30		
31 - 32		
TOTAL		

SECTION A 40 marks.

1.	Divide 19010		
1.	Divide: 12012 ÷ 4	2.	Solve: $2(x-1) = 4$.
1		1	
	1976		
		1	
		1.	Land the second of the second
3.	Find the name of a con-	-	
1	Find the range of 6, 3, 0, -1, -4	4.	Convert: 0.75Kgs to grams
131			
P			
		1	
			第一条
		-16	
		1 1 1	
5.	Work out the difference between	6.	What is the least number of goats
	$\underline{2}$ and $\underline{5}$		and the least number of goats
	$\frac{2}{3}$ and $\frac{5}{12}$		such that when shared by 4 people,
	0 12		3 goats remain, but when divided
			h- 0
			by 8 people, 7 goats remain?
		april 1	
1	A STATE OF THE STA		
4 × 5		5.00	
		Due!	Savor and of marriage parameters
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		1	AND BURNERS IN EDITOR
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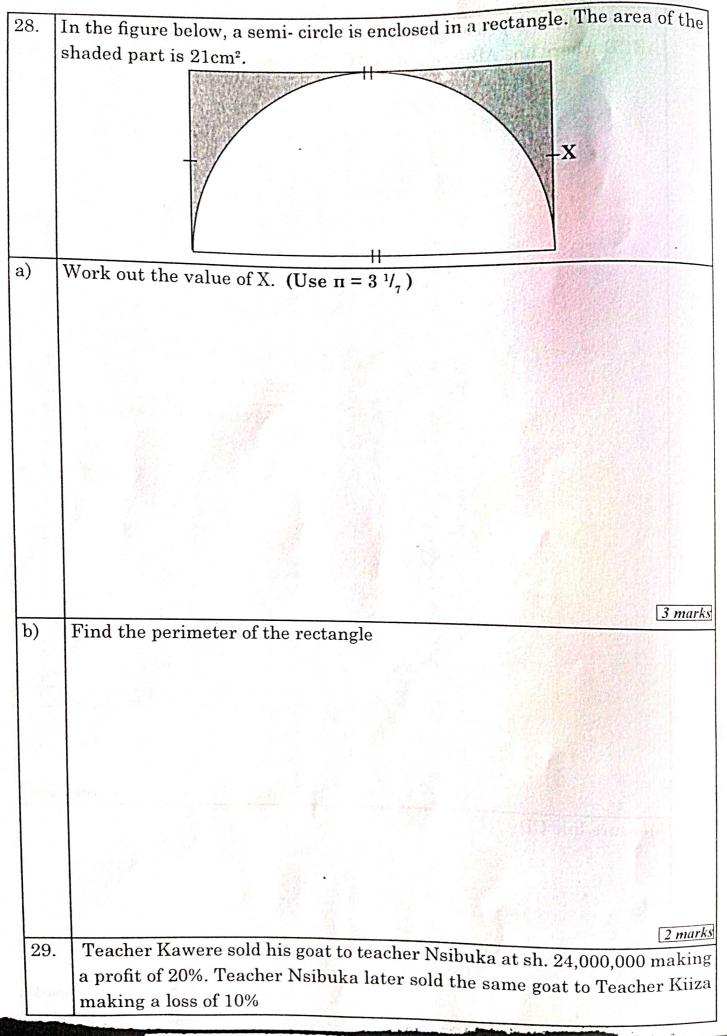
19.		
i	Babirye and Nakato ran 100m in 20	Express 0.00619 in standard form.
	20 seconds. Express their speed in	
	Km/h	A programme with the programme of the pr
		(2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
		La Company of the Com
	and the states of the particular state of the contract of	A STATE OF THE PARTY
	Maring of the Arms	may we will
	SECTION B (6	O montro)
1	7	
21.	In a class, 24 pupils like English (E)	
	Mathematics, W like only one subject	while 4 pupils like none of the two
	subjects.	177
)	Use the information above to complete	the Venn diagram below
-		
	ME	
- 1		
		All Marie 12
		And with the second of the sec
		And wells professional and the second
	6	
		2 marks
	6 4	
	Given that 20 pupils do not like English	
	6 4	
1	Given that 20 pupils do not like English	
1	Given that 20 pupils do not like English	
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	Given that 20 pupils do not like English	
1	Given that 20 pupils do not like English	
1	Given that 20 pupils do not like English	
1	Given that 20 pupils do not like English	
1	Given that 20 pupils do not like English	sh, find the number of pupils in the

					I Wan P	takes 4 hor	urs to fill
22.	Two taps P and Q are the tank while tap Q to have to fill the tank.	connected	d to th	e ta	nk. Tap	If both tap	s take 19
	the tank while tap Q t	akes Y hou	irs to e	mpt	y the tank	the tank	?
	hours to fill the tank, 1	how long d	oes tap	Qt	ake to emp	ity the tank	
						s children	
		7 1					
	7-2-7						
	<u></u>						
							12
1.\						一点是处理是影響的	3 marks
b)	A tank is ¼ full of wa	ater. When	12 lite	ers	are added,	the tank be	ecomes ² / ₅
	full. How many liters	does the ta	nk hol	d w	hen comple	tely full?	
		1					
4	e iga	C are					
1. 1. 13.	to a distribution					PE SECTION	
3-	24						
	v fail	3.0	11.00			N: 13 (12)	
						2 mar	ks
23.	The table below shows	s the points	score	l by	the nunile	of I art a series	N/ · 1
	Primary School in the	ir Ouiz cor	nnatiti	t by	the pupils	or Lutaaya .	Memorial
	Points			on.	77		
	Number of Pupils	3	$\frac{7}{5}$	-	K	10	9
	Number of Fupils	3	. 5		4	1	7
a)	How many pupils did	the test?	b)	W	-1	MALL BURGO TO	10
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Trow many paping and	the test:	(0)	VVC	rkout the	value of	K if the
10.3				ave	erage of the	points is 7	
and the	g a selection of the second		ri .	13			
1	***		,	-			
			Br.	2.1			
				- 70			
	dis sta						ine "E"
	The state of the s						
		1 ma	irk				
					- 144	ANTITUDE THE LITTLE OF	4 marks

24.	The average of three consecutive	b)	Work out	the	range	of the
4.	even numbers is 32. If the second	1	numbers.			
	even number is K,					
b)	Work out the numbers.					
		Sec.				
			7			
						1 1
	to the aware		La constant de la con			1968 HE - 1
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
						2 marks
	3 marks					
25.	In the triangle MTN, angle TMN		vice the size o	f angle	e MTN	and angle
	MNT is 60° more than angle TMI			O		
	T					
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					
	N/ N					
	MN					
a)	Find the size of angle MTN		The state of the s			
a)		(*) ₃ ;				
a)						
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a)						
a)						

b)	Work out the size of angle TMN and MNT
26.	Lubogo io 9
20.	Lubega is 8 years younger than Yiga. 5 years' time, the ratio of Lubega's age to Yiga's age will be 2:3.
a)	How old is Lubega now?
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
in the second	
7	
\$ ¥ 6	
b)	How old will Yiga be in 5 years' time?
	2 marks

	27.	Using a ruler, a pencil and a pair of compasses, construct a qua ABCD where line AB=8cm, lines AC=BD=5cm and angles ABC=I	drilateral BAC=60°.
b)	M	Measure line CD	(04 marks)
			(1 mark)



a)	Calculate the amount of money Teacher Kawere paid for the	goat. (03 marks).
		F= 14'
1	III for the goat?	(02 marks)
b)	How much money did Teacher Kiiza pay for the goat?	(02)
30.	Work out $0.06 \times 0.8 \ 0.4 \times 0.2$ b) Simplify: $\frac{1}{2} - \frac{1}{3} + \frac{1}{3}$	1
50.	Work out $0.06 \times 0.8 \atop 0.4 \times 0.2$ b) Simplify: $\frac{1}{2} - \frac{1}{3} + \frac{1}{3}$	4
		,
		2 marks
制制 100	3 marks	CAPSHA 202

	The diagram below shows the prime factors of 30 and Y.	a) i)	Find the value of;	
	$\begin{array}{c c} F30 & FY \\ \hline X & 2_1 \\ \hline X & 3_1 & 3_2 \\ \hline \end{array}$	ii)	FY] mar
b)	Work out the L.C.M of F30 and FY	T		1 mark
32)	Given the digits 4, 0, 2			3 marks
a)	List down three possible numbers			
h)	Work out the sum of the biggest a	and t		(02 marks)
b)	Work out the sum of the biggest a	and t		(02 marks)