

MASINDI MUNICIPAL COUNCIL ACADEMIC BOARD

PRE - MOCK EXAMINATION, 2023

MATHEMATICS

Time allowed: 2 hours 30 minutes

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Can	di	idate 's Name:			
		date 's Signature:			
		ol Name:			
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		OT OPEN THIS BOOKLET UNTIL YOU ARE TO			^·········
di.		DOOREL ON THE TOO AILE IS	OLD 10	DO 30	J.
	Re	ead the following instructions carefully:	FOR EXAMINER'S USE ONLY		
	1.	This paper has two sections: A and B.	0. 1	Marks	
	2.	Answer all questions. All answers to both sections A and B must be written in the spaces provided.	1-5	7 7 7 7 7	No
:	3.	All answers must be written using a blue or black ball-	6 - 10		
		point or fountain pen. Diagrams should be drawn in	11 - 15		
		pencil.	16 - 20		
4	1 .	No calculators are allowed in the examination room.	21 - 22		
5	5 .	Unnecessary changes of work may lead to loss of	23 - 24	repib	r Isteri
		marks.	25 - 26		
	;	Any handwriting that cannot easily be read may	27 - 28		<u> </u>
F		lead to loss of marks.			
E			31-32		
		Do not fill anything in the boxes indicated: "For			

CMasindi municipal council schools academic board

SECTION A: (40 Marks) For question 1 - 20, each question carries 2marks

1. Work out: 6 x 60

2. Write in figures "Twenty three thousand two hundred three".

3. Solve the inequality. $2x - 4 \ge 8$

4. Round off to the nearest tens: 39.6

5. Use indices to expand 456.2

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 s. applicant to a stocker adjourner of bar Examples of the orgin and those issue in question 6. Use the distributive property to workout $(125 \div 25) - (75 \div 25)$

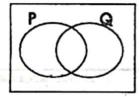
12 Expre a fall stirrs as in a Lyelve frour a lock

7. Given that $x = \frac{1}{2}y = \frac{1}{8}$ find the value of 36x - 8y

8. Express 0.02456 in scientific notation and apply some color of the scientific notation and the scientific notat

9. Use a ruler and a pair of compasses only construct an angle of 75° in the space provided below.

5. A forty minute lesson ended at 11: 20am at what time about .01



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11. Use a number line to workout 2 x - 3	i p. n.e ine dambotk
12 Express 001 Share and the standards	
12. Express 0015hrs as in a twelve hour clock.	
is will to sumvering at 19	7 = X ** 11 U.S.
 The profit Musa made when selling a shirt was to bought it at UGX 15,500. How much did he sell 	JGX 2,500, he it?
14. Express 50m/s as km/hr. Con 10 eigns on 10 unsnood (in a sepamon to riba) idea below.	9, use a roter and a in the space prov
15. A forty minute lesson ended at 11: 20am, at v start?	what time did it
	(0)
4	P.7 MTC PRE - MOCK MMA
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	Constitution of the Consti
	April 2
16. Find circumference of this figure below.	\dashv
Marks in apply a cation are incideded in the brocks of a capacity of a general page water in the brock of a general page water (W). 13 too soda (S) but not water 5 took base terrana soda water and soda	DC
's the given internation to complete the vent diagram below.	
$\pi(W) = P \cdot \pi(z) = \dots $ (for any a)	
17. Teacher Alice was travelling to Luweero at a speed of 75km/hr. She covered a distance of 180km. How long did she take to cov	
that distance?	·
Il 20 parents did not take soda how many parents took water? (2marks)	D).
(elimita)	
8. Workout: 16 ÷ 1 max2 si walad as unit act to retarring act	
be perimeter of the figure below is 54cm. 1 = 61 indextow .8	24.2
mark to the state of the state	
(x + 7)sm.	
(2x + 5)cm.	
ind the value of x is seen a seen as a seen a seen and the value of x is seen as a seen a seen a seen a seen a	O). F
P. Find the LCM of 12 and 18	

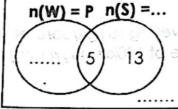
20. Simplify: 3p - 5y - 10p + 4y

SECTION B: (60 Marks)

Marks for each question are indicated in the brackets.

21. At a general parents meeting held at Kubara Primary School P parents took water (W), 13 too soda (S) but not water, 5 took both water and soda while 3 parents did not take any of the two drinks. a). Use the given information to complete the Venn diagram below.

(3marks) "saction Alice was tid sine covered a distance of 810kg Sephotaib to 1



b). If 20 parents did not take soda how many parents took water? (2marks)

22. The perimeter of the figure below is 54cm.

(x + 7)cm. (2x + 5)cm

a). Find the value of x

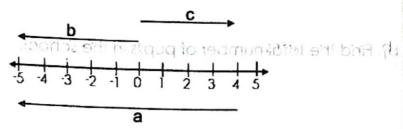
(3marks)

9. Find the LCM of 12 and 18

b). Calculate the area of the rectangle.	(2marks)
23. George bought the following items from the market. 2kg of sugar at sh.2600 per kg 3tins of royco at sh.1500per ting to the second of the	puncture alla
•	
S(y + 2) = 3 (2montes)	ं). Solve: ၁y -
b). If George was given change of sh1800 how much dicat first?	d he have (2marks)
† 27 _{ten} to base five. (2marks)	25 al. <i>Cën</i> ver
24.a). 10 boys can paint a classroom in 2days, How man be needed to paint the same class in a day?	y boys shall (2marks)
e sum of the blace value of 5 and the value of 6 in 15968. (Smarks)	al. Workout Th
b). Write as a common fraction in its simplest form. 0.1212	(3marks)
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27) (1	to orenan	S(1. "	نها بهارت سرّ	yong (vi	aleylote.). (d)
	ns I was com re after I ho ng journey n		ool on a d % of my low long	motor-b journey was my	ke, my b to schoo ourney t	ike got a	isr ·
b). Solve	: 6y - 9(y + 2	2) = 3				(2m	arks)
nave (Zmatteni	uch die ne-	m won bộ	g glavig	n chong	evig sby	George v sis	
26.a). Co	nvert 27 _{ten} to	base five				(2m	arks)
			* .				
Marainelle (2mayas)	ic Audum Mo	2days.Ha i day?	ssroom jn class in,e	nt a cla: e same	pantth pantth	110 beys seded to	24.¢) ipe n
o). Workou	t the sum of	the place	value of	5 and th	ne value		68. arks)
							,
shorrij.	. 41	npjest for	ik; itl ni a	ંગાંચા (iqaimo:		0 0
A M M. 37	THE F.S.	- 1 to 1 mile	•		P.7	MTC PRE - MOC	YMMAD

27. Study the number line below and answer questions that follow;



a). What are the integers represented by?

(1 mark @)

(2mc. Fs

- (i). a = (ii) below shows numb≣.d.(ii) pre who were process (ii).
- class of 40pupils b). Write the mathematical statement for the number line above.
 - (1 mark)

28.a). **Evaluate:** <u>0.048 x 1.8</u> 0.6 x 0.24

(3marks)

b). Workout: 1% x 1½

of merit

Z'AID (TÉ)

. P. MIC PRE - MOCK MAKE

(2marks) a). How many pupils were present on Friday.

29. There are 30 classrooms in a school, 14 of them have 25pupils each and the rest have 31 pupils each

iny da you think all the pupils were absent on Thursday's "Throtis"

Days of the week

a). How many pupils are in 14 classroom altogether? What was the total attendance for the whole week?

(2marks)

b). Find the total number of pupils in the school.

(I mark 6)

() mark

3marks,

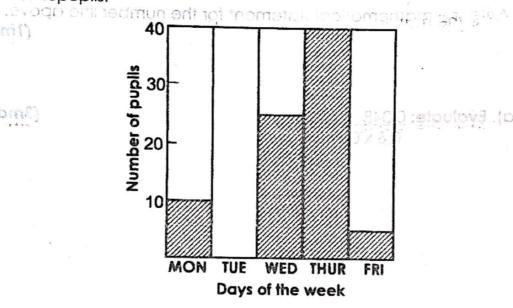
(2monks)

(2marks)

30. The graph below shows number of pupils who were present in a class of 40pupils.

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a). How many pupils were present on Friday.

(2marks)

of Warkout Harly

pach can the rest have 31 pupils each

b). Why do you think all the pupils were absent on Thursday? (1 mark)

27. Thurborre 30 classrooms in a school. Most them have 25pupils

How many pupils are in 14 classroom altogether? c). What was the total attendance for the whole week?

(3marks)

End Good Luck & Success
mangoes altogether. (5marks)
Waswa. How many mangoes does each have if they all had 64
32. Waswa has 2(a + 3)mangoes, Kato has 20 mangoes more than
gardie ABCD with their diagonals reading och.
31. Using a ruler, a pencil and a pair of compasses only, construct a square ABCD with her diagonals reading 8cm. (4marks)