WAKISO DISTRICT JOINT EXAMINATIONS BOARD (WAKISO MAIN, KIRA, MAKINDYE AND NANSANA MUNICIPALITY) PRIMARY SEVEN INTERNAL ASSESSMENT

2024

MATHEMATICS

Time Allowed: 2 hours 30 minutes

Index No.	Random No.	Personal No.	P 30
	SSEBALU		
School Name:	07740 Marking guid	le/ assista	ot.
District/Municipality:	WAKI	SO.	D1001666644466

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

Read the following Instructions Carefully:

- 1. This paper has two sections A and 8.
- 2. Section A has 20 questions (40 marks).
- 3. Section 8 has 12 questions (60 marks).
- Answer all questions. All the working for both sections A and B must be shown in spaces provided.
- All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than graphs and diagrams will not be marked.
- No calculators are allowed in the examination room.
- Unnecessary changes and crossings in your work and handwriting that cannot easily be read may lead to loss of marks.
- Do not write anything in the boxes indicated "For examiners' use only"
- 9. Write your name on all pages.

FOR EXAMINERS: USE ONLY

Marks	EXR'S NO
The Court of Land	W. Va
5.5	

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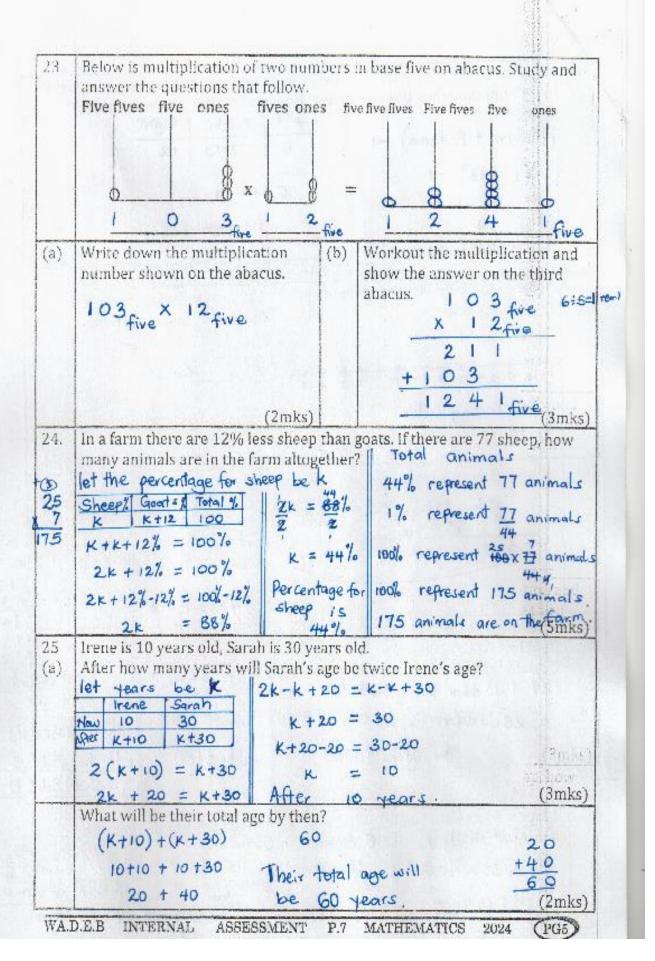
SECTION A (40 MARKS)

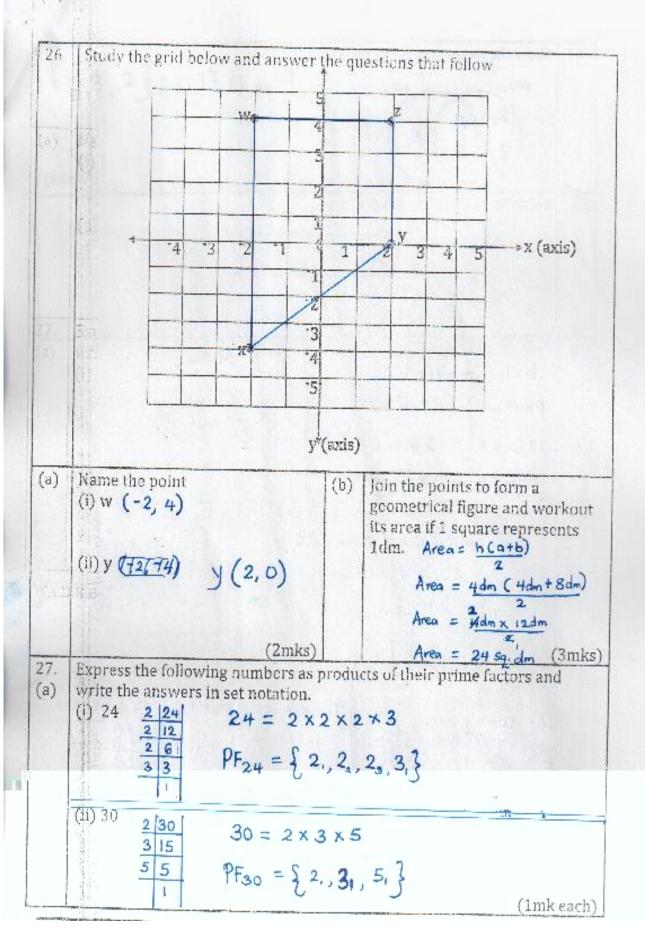
	SECTION A	(40 M)	ARKS)	122
1	Work out: $12 \div 3 = 4$ $3 12$ $3x4 \frac{-12}{00}$ $12 \div 3 = 4$	2	Express CXLV in His numerals. C - XL V 100+40+5	100 40 4 5
3.	in the diagram below, shade only the region that represents K.	4.	1000 +	
5.	7cm () V0	ol = 1 1 = 3 1 = 3		m Vol = 385a
6.	Find the next two numbers in the 22, 20, 17, 15, 12, 10 . 7		The second secon	
7.	In a dairy, the cost of a litre of mill. What was the percentage decreas Reduction. Sh. 3000 -Sh. 2400 Sh. 0600 Percentage of Reduction Original processing of Percentage of Perce	e? decreas 2 XII	se . (Sh 600 x 1	
8,	Workout: $2121 \div 7 = 303$ $ \begin{array}{c} 303 \\ 7 2121 \\ 3x7 \div 21 \downarrow \\ 0x7 & 2 \end{array} $	ı÷7	= 303	

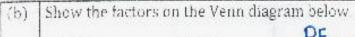
82.0		
9	and 7 lemale teachers. What is the probability of a female teacher chairing a staff meeting? Total chances. Probability. 20p -3	4(5p-8)=48 Method II 8)=48 $4(5p-8)=484(5p-8)=48$ $4(5p-8)=484(5p-8)=48$ $4(5p-8)=48$
11	Total cl	+32 = 48+32 5P-8 = 12
1	18 Iour Chances 20p	= 80 5P-8+8 =12+8
	18 <u>20</u> P	= 8th 5P = 20
	18 20	20 SP = 20 8
11.	G Junio co mando di inchi di T	6:45 hours. If it took 2
	give time in 12 hour clock system) Starting time = Ending time - Duration Hrs Min Time in	it leave Jinja for Wakiso? 12 hour clock system.
	14 30 - 12 14 30 hrs. It left Jinia	Min 30 00 30 at 2:30 p.m
12.	Write 0.049 in standard form.	
	$0.049 \times 10 = 0.49$ $0.049 = 0.049 = 0.049$	= 4.9 × 10 ²
	4.9 X 10 ⁻²	
13.	interest on shs. 161,000 for 4 days? $S.1 = P$? $A days = 1$ weeks $A days = 4 \times 1$ weeks $A days = 4 \times 1$ weeks	× R × T 000 × 9 × 4 100 7 100 7 100 7 100 7 100 7 100 7 100 7 100 7 100 7 100 7
	4 days = 4 weeks The interest	3280

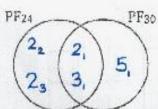
]4.	Each exterior angle the 360° Pen 21	me of polygon. tagon.	2p Mean = Sum numb 7P-4+19 3 7P+2P+19-4 3 9P+15 3	er of data
16	The number of proper su $2^{n} - 1 = C$ $2^{n} - 1 = 63$ $2^{n} - 1 + 1 = 63 + 1$	$2^{n} = 2^{n} = 2^{n} = 0$ $2^{n} = 0$ $0 = 0$	64 2x2x2x2x2x2 2 ⁶ 6	n(k)=6. 232 216 28 24 22
17.	Using a sharp pencil, a pain the space provided be	sir of compasse low.	s only, construct	an angle of 105°
18.	Work out the product of and the 8th composite numbers 4, 6, 8, 9, 10, 12, 14 Product 10 X 15	mber.	year was it 11	= 1 (mod 12) = 1 (mod 12) = 1 (mod 12)

WA.D.E.B INTERNAL ASSESSMENT P.7 MATHEMATICS 2024 (PG3)





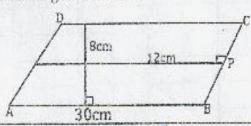




20 cm

(3mks)

28. Below is a parallelogram ABCD.



(a) | Find the value of P.

-	
Mouse - le	20
120m XP =	240 cm x cm
12cm	+2600

(3mks)

(b) Work out the perimeter of the parallelogram ABCD.

30 120 50

29. During an oral interview, Mr. Kihene awarded 5 marks for every correct answer given and deducted 2marks for every wrong answer given. If he asked 24 questions and Amutos got 43 marks, how many wrong answers

did Amutos give?

let	Correct	answere	be k
	Correct	Wrong	Total
Ons	K	24-K	24
Marks	5xK	2 (24-K)	43
1	5 K	48-K	17/19/19
5k	- (48-	2k) =	43

$$5k - 48 + 2k = 43$$

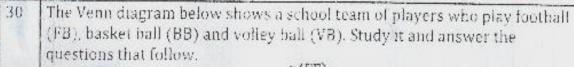
 $5k + 2k - 48 = 43$

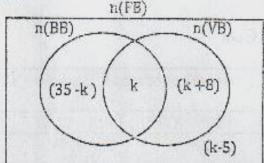
Vreng a washing 24 -13	
Amutos gave I wrong answers	

47

21

18 35 42





$$(K+8)+(K-5) = 17$$

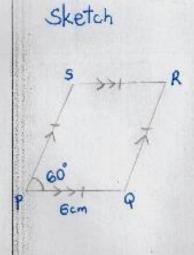
 $K+8+K-5 = 17$
 $K+K+8-5 = 17$
 $2K+3-3 = 17-3$
 $2K+3-3 = 18-3$
 $2K = 14$
 $2K = 14$
 $2K = 14$
 $2K = 7$

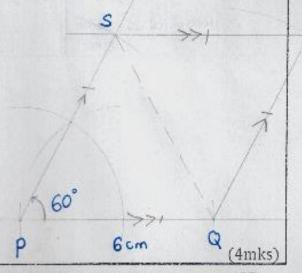
(b) How many players are in the school team?

50

52 players are in a school team. (2mks)

31. Using a ruler and a pair of compasses only, construct a rhombus PQRS in which PQ= 6cm and angle SPQ= 60°





R

(b)	Me	asure dia	gonal Sζ						
			60	'n					
32.		59 = 60		nh ownir	- 1i-s	Physical and		(1mk)	
34.	bei					Study and co		6	
		ITEM Milk	QUAN 2 litre		UNIT COST Shs. 1200			Shs. 2,400	
		Salt	500gn	500gm kg		Shs. 3000 Shs. 3000		Shs. 1500 Shs. 4500	
		Posho	12						
	100	Soap	3 bars		Shs. 4,000		Shs. 12000		
	TOTAL EXPEN				OITURE		Shs. 20,400		
	# C 11 3		50 p	Amount for Amount for Sh. 20,400- Sh. 20,400- Sh. 20,400- Sh. 12	1,500 p. 1,500 p. 1,5	Unit cost for soup. 3 bars at sh. 1200 1 bar at sh. 4000			
	1900	1000gm of shr 3×1000 Sh.3000					(5mks)		