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.	Р	ersonal No.	
S = 000			
Candidate's Name: SSEBALU			
Candidate's signature: 077	40067	87	N
School Name: Marking a	wide /	assist	ant
			A
District/Municipality: WA	KISO		
DO NOT OPEN THIS BOOKLET UNTIL YOU	ARE TOLD TO	DO SO	
Read the following Instructions Carefully:		FO	R EXAMINERS' USE ONLY
1. This paper has two sections A and B.		Secretary Secretary Constitution	Philips through region of 4 dill from a particular flow regions of projects an electron pull. See James 1999,
2. Section A has 20 questions (40 marks).		L	
3. Section B has 12 questions (60 marks).4. Answer all questions. All the working for	F	OR EXAMINE	138.0
both sections A and B must be shown in	Qn. No	USE ONLY Marks	EXR'S NO
spaces provided.	211.140	MIGHY	EARSINO
5. All working must be done using a blue or	1-5		
black ball point pen or ink. Any work done in	6-10		
pencil other than graphs and diagrams will not be marked.	11-15	27,25,12	22.23
6. No calculators are allowed in the	16-20		_ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
examination room.	21-22		
7. Unnecessary changes and crossings in your	23-24	tag san ka	AK KALIFA I - L
work and handwriting that cannot easily be	25-26	L. Mosto	W SS A
read may lead to loss of marks.	27-28	0.008	1.43
8. Do not write anything in the boxes indicated "For examiners' use only"	29-30	0.048	13-
9. Write your name on all pages.	31-32		15.0
	TOTAL		
ORGANISED AND PUBLISHED BY:	E TIME DE		57 20
818 = 1 - 1 21	© 2024 W	TADED	

SECTION A (40 MARKS)

				-
1.	Work out: $12 \div 3 = 4$	2.	Express CXLV in Hindu Arab numerals.	oic
	The state of the s		CXLV	00
	3x4 - 12	VAS 1	100+110+6	+0
	2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1		145	5
	12÷3 = 4			+5
3.	In the diagram below, shade only the region that represents K.	4.	Write in figures: Two and two thousandths. $T\omega o = 2$	VO .
	L	LAS	Two thousandths = 2	
		0	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
5.	Find the volume of the cylinder bel	ow. (1	$use: \pi = 3^{\frac{1}{2}}$	+3
	7cm Vol	= ? = 7 = 2	Base area x height Tr² x h St X Zcm x Zcm X 10cm Vol=	38.5 385
.ox	Ve l	= 2	2 × 7cm × 7cm × 10cm Vol=38	85 cm ³
6.	Find the next two numbers in the s 22, 20, 17, 15, 12, 10 , 7	equer	12-2 = 10 10-3 = 7	
7.	In a dairy, the cost of a litre of milk What was the percentage decrease Reduction. Percentage decrease	? ecreas	se. (Sh. 600 x 100) %	,400.
	Sh. 31000 -Sh. 2400 sh. 0600 Reduction Original price		20%	Charles of April
8.	Workout: $2121 \div 7 = 303$ 303 $3x7 \div 21 \downarrow$ $0x7$ 2121 2	÷7	= 303	
	327 27			

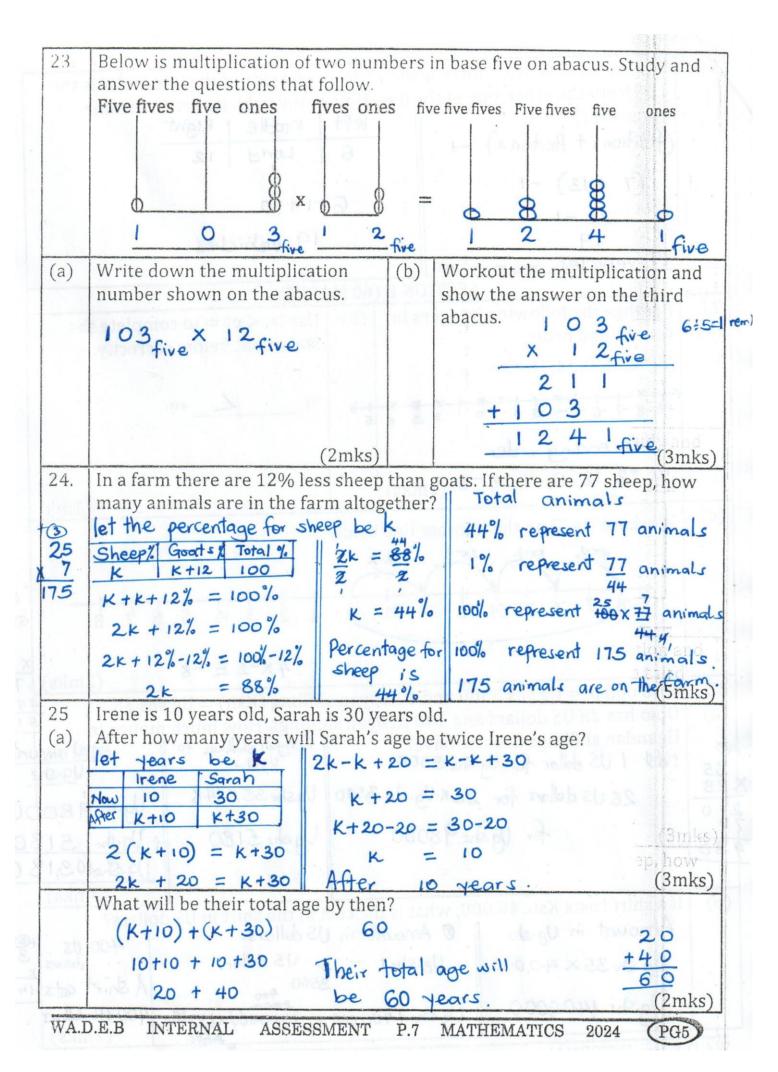
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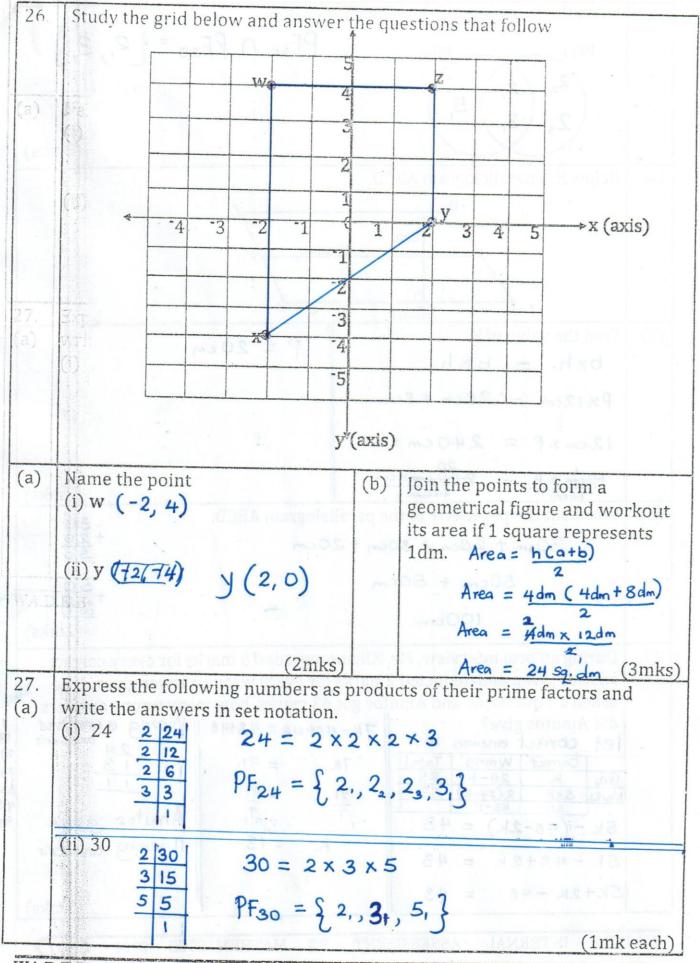
	1,494						
9.	A school has 11 and 7 female te	achers. What is	the 10	X	4(5p - 8) = 4	Method.	Ī
	probability of a chairing a staff	female teacher meeting?	0 9	4 (5p-	8) = 48	4(5p-8) = 4	8
21-	Total chances.		ty	20p -3	2 = 48	14(5p-8)=4 4,	8
34	11 + 7	Chance		20p -32+	132 = 48+32		,
12.	1/18	Total Chance	2.5	20p	= 80	5P - 8 = 12 5P - 8 + 8 = 12 + 13	8
-5		7		20p	= 80	5P = 20	
13/ 3		18		20	20	15P = 20	
	A A A A A A A A A A A A A A A A A A A	A Karaman		P	= 4	P = 47	
11.	A taxi travelling hours and 15 m	from Jinja to W	akiso ari	rived at 1	6:45 hours.	If it took 2	
132	(give time in 12	hour clock syst	em)	t time ara	it leave jinj	a for Wakiso?	
	# Starting time	me = Ending	time - 1	Duration	.= 1+1-	2"	
	Hrs M	in	Time	io 1	2 hour d	lock system.	
		-5	4 4		Min	System.	
	- 2 1	5			30	4	
	1 12 6 124	0		- 12	00		
	1430 hr	s. It	left J	2	30	30 p.m	
12.	Write 0.049 in s	CALL STREET, S	1011 0	inja	at 2:	30 p.m	
	0.049 ×10		0	049 =	4.9 X I	-2 0	
	0.49 × 10	= 4.9					
	4.9 X	-2					
MU 10	4.7 ^	10	The state of			ATION DI	
13.	A money lender	gives a simple i	nterest o	f 9% per	week. What	will be the	
	interest on shs.	161,000 for 4 da	ays? S.	1 = P>	CRXT	4.	
	I days = 1	week	1	1			2
	1 day = 1	weeks		ons. 161, 1	x P x 000	4 73	6 8
				230	- dd = 0	h 0	0
	4 days = 4	X I weeks			€ \$ \$ \$ \$ \$ \$ \$	7. 82	8
	4 days =	4 weeks	TI	shs 8			
	=	7	The in	terest	will be	shs. 8280	

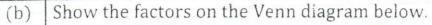
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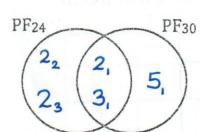
14.	The exterior angle of 72°, name the polyg		n is 15.	Find the mea	an of (/p	- 4), 1	and
(8-9)	No. of sides.	Name	of	Mean = Sun	n of d	lata data	The second secon
8-98	Exterior anglesum Each exterior angle	the poly	1	7P-4 +	19+2p	9p	+ 15
= 8	360°	Pentago	on.	7p+2p+19-	4	3 9P	+ +5
818 = 8P =	2, 5 sides	900		9P +15 3		3p ·	+5
		1	in not V i	o 62 Find n(la)	Photographic Street Section Se	N SERI	2 C4
16.	The number of prop $2^n - 1 = 0$	er subsets	$2^n =$	64	nik	=6.	232
	$2^{n} - 1 = 6$	3	$2^{\circ} = 2^{\circ} =$	2x2x2x2x2x27	42		2824
	20	2+1	2 -	of the same	embal		2 -
	$2^{n} - 1 + 1 = 6$	ll l	n =	1		1 65	050
17.	Using a sharp penclin the space provid	il, a pair of	compasse	es only, constru	ict an ang	gle of 1	050
17.	Using a sharp penc	il, a pair of	compasse	es only, constru	ict an ang	gle of 1	050
17,	Using a sharp penc	il, a pair of ed below.		4.5 1.5 80 80 1.11 81 marcard for	los M		050
17.	Using a sharp pencin the space provid	il, a pair of ed below.		4.5 1.5 80 80 1.11 81 marcard for			.050
17,	Using a sharp pencin the space provid	il, a pair of ded below.	th 19.	It is July nov	w, which is	month	of the
	Using a sharp pence in the space provide when the space provide with the space provide when	il, a pair of ded below.	th 19.	It is July nov year was it	w, which is 114 mont	month ths ago	of the
	Using a sharp pence in the space provide Work out the product and the 8th compositions.	uct of the 5 tite number 12, 14, 15,	th 19.	It is July nov year was it is July -114 7 - 114	w, which is 114 mont is 50 miles and in 18 mil	month ths ago कि लिंग nod 12	of the
	Work out the product and the 8th composite num	il, a pair of ded below.	th 19.	It is July nov year was it	w, which is 114 mont is 12 mont is 12 mont is 12 mont is 12 months in	month ths ago कि लिंग nod 12	of the ?

20.	In a line of vehicles, a lorry is the 7th 13th from the other side of the line.	from one side of the line and it is the
	13th from the other side of the line. Haltogether?	now many vehicles are in the line
(c)	(Position 1 + Position 2) -1	eft middle Right
		6 Lorry 12
	(7 + 13) -1	C+1+10
	20-1	6+1+12
	19	19 vehicles
	19 vehicles are in a line	action in the deep continues and the last
21.	SECTION B (6	The state of the s
(a)	Arrange the following integers in descending order.	(b) Use $>$, $<$ or $=$ to complete the
(-)	-8, +2, -4, 0, +4, -1, +3	statement below correctly.
	-9-8-7-6-5-4-3-2-10 2 3 4 5	→ ⁻⁹ <u></u> +9
	descending order	
	+4, +3, +2, 0, -1, -4, -8 (2mks)	in the safety of the same and the safety of the
()	1, 3, 2, 3, 1, 4, 8 (2mks)	(1mk)
(c)	Workout 4 x ⁻ 2 on the number line be	elow.
	4x-2 3x-2 2x-2 1x-2	25 Sheer & Good - & Total to
	8 7 6 5 4 3 2 1	0 1 2 3 4 5 6 7 8
		Sec. 9. 10. 12. 19. 12. 19. 12. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19
	The 211 houseful -81 het spans	$4x-2 = -8$ (2mks) $\frac{x}{\sqrt{1}}$
22.	1 US dollar = Ug shs 3500 and 1 Keny	an shilling (Ksh) = Ug she 35
(a)	Opio has 28 US dollars and 148 Kenya	an shillings. How much money in
P	ogandan shillings does he have?	Kenyan shillings to Total amount
35	total 1 US dollar for Ug.shs 3500	ugar.
0	28 US dollars for 28 x Ug. shs. 35	500 Ug.shs 35 X 148 Ug.shr. 98000
	for Ug.shs. 98,000	Ug.she 5,180 + Ug.she 5180
80	O 01 4	1/9. de 103, 180
1.)	mark of synaph of sy	(3mks)
b)	If a shirt costs Ksh. 40,000, what is the	e cost of the shirt in US dollars?
		in US dollars. 400 US +3
	Ug.sh. 35 × 40,000 Ug.shs 1	= 1 US dollars dollars x 3
(8)	Uq.shs 1,400,000 Uq.shs 1,400	2000
	Ug.shs 1,400	0,000 = +4000000 x1 Usdallo 400 Usdallars (2mks)
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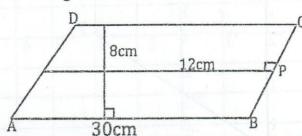






(3mks)

Below is a parallelogram ABCD. 28.



Find the value of P. (a)

$$bxh = bxh$$
 $Px12cm = 30cm \times 8cm$

0 10 - 75-	12cm X.P	=	24000
	1200 80	in the same of the	240 cm x cm

20 cm

(3mks)

(2mks)

7 14 21

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

100cm

During an oral interview, Mr. Kihene awarded 5 marks for every correct 29. answer given and deducted 2marks for every wrong answer given. If he asked 24 questions and Amutos got 43 marks, how many wrong answers 7K-48+48 = 43+48 || Wrong a washons

did Amutos give?

101	COTTCO		
	Correct	Wrong	Total
Què	K	24-K	24
Marks	5xK	2 (24-K)	43
7. 0	5K	48-K	

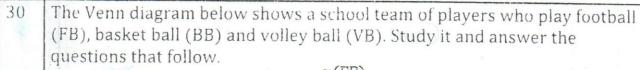
$$5k - 48 + 2k = 43$$

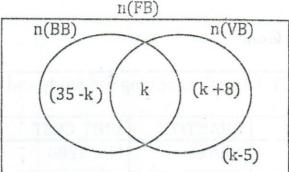
$$5k+2k-48 = 43$$

$$7k - 48 + 48 = 43 + 48$$
 $7k = 91$

answers

(5mks)





(a) If 17 players do not play basket ball, find the number of players who play all the three games.

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

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

7 pupils play all the thre63 marsher

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

$$(35-K)+K+(K+8)+(K-5)$$

 $(35-7)+7+(7+8)+(7-5)$
 $28+7+15+2$
 $28+2+15+7$
 $30+22$
 52

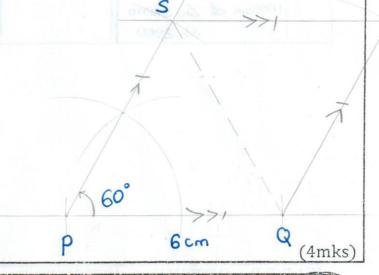
52

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

Using a ruler and a pair of compasses only, construct a rhombus PQRS in which \overline{PQ} = 6cm and angle SPQ= 60°

S R 60° 6cm

Sketch



31.

R

(b)	Me	asure dia	gonal SQ				N. & Processor and Control of the Co	
12001		pode čire posetni bo	6cm	n		n prioritis and extended 1919 and extended 1919		
Managament of the Control of the Control		59 = 60	and projects profiles and it is a should recent believes					(1mk)
32.	Bel	ow is Tr.	Kapisa's	shoppin	ig list. S	Study and con	iplete it	correctly.
		ITEM	QUAN	TITY	UNIT	COST	AMOUI	NT
		Milk	2 litre	S	Shs. 1200		Shs2	400
	Salt Posho		500gn	1	Shs.	3,000	Shs. 15	00
the			Posho 1½ kg		Shs. 3000		Shs. 4500	
(a-	-0+	Soap	3 bars	NECT PROPERTY AND ADDRESS OF THE ABOVE ADDRESS OF THE AB	Shs	4,000	Shs. 1	2,000
	TOTAL			EXPEN			Shs. 20,400	
70-132	1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Salt IKg = 10 c Ogm at sh m at sh:	1200×2 2400	3	500 5000 5000	Amount for Amount for Sh. 20,460 - (sh sh sh sh Sh. 20,400 - 8 Sh. 20,400 - 8 Sh. 20,400 - 8	2400 t 1.500 t 4500 8,400 t 8400	Unit cost for soap. 3 bars at sh. 12000 1 bar at sh. 4000 (5mks)