BROAD EXAMINATIONS® TRIAL SET I

Time allowed: 2 hours 30 minutes

School Name

District Name

Read the following instructions carefully:

- This paper is made up of two sections: A and B.
- Section A has 20 questions (40 Marks)
- Section B has 12 questions (60 Marks)
- 4. Answer ALL questions in both sections A and B.
- 5. All answers must be written in the space provided in blue or black ball point pens and ink. Only diagrams should be done in pencil.
- 6. Unnecessary crossing of answers will lead to loss of marks.
- 7. Any handwriting, which cannot be easily read, may lead to loss of marks.
- 8. Do not fill anything in the boxes indicated for Examiners' use only.

FOR	B.K.	ABJURNAL
III PROMO	WALK !	STAFFINE BOD
- 2	SE	FINE W

PAGES	MARKS	SIGN
		1200717
Page 2		
Page 3	1111	
Page 4		
The West		
Page 5	Will build	
Page 6	1000	-
1-512		
Page 7	1000	
Page 8		
- 18-0		
TOTAL		1 1 1 1 1 1 1 1 1 1

Teacher's comment to the learner

Approved by

Broad Educational Consult 2022. Tel: 0486 - 442077, 0786-659301, 0706-386510, 0772-864523 Page 1 of 8

P.5 Maths Set | Term III 2022

FOR ACADEMIC EXCELLENCE, AVOID MISSING BROAD HOLIDAY PACKAGES, WORK BOOKS & PAST PAPER BOOKLETS.

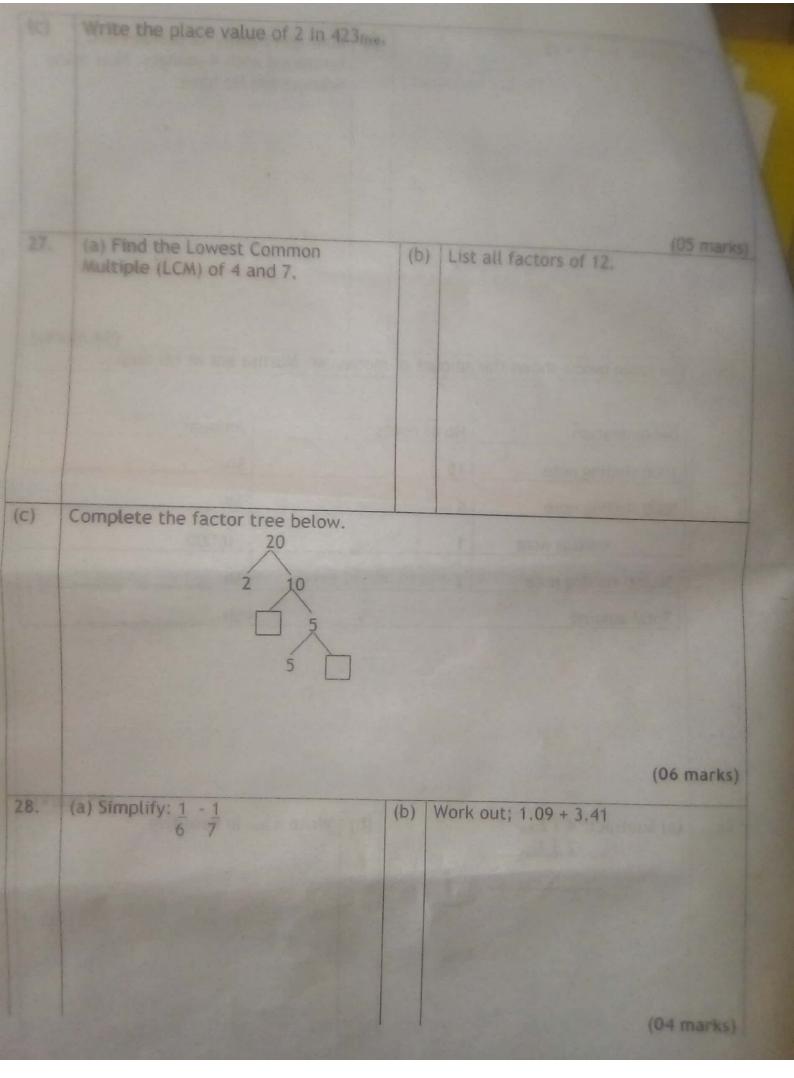
	Multiply 2 2	
	White and a series	
	The state of the state of	THE RESERVE
3.	Find the next two numbers in the	4. Given that set P = [a, b, c, d,
	sequence. 41, 36, 31, 26,,	and Q = { a, e, i, o, u}. Find n
5.	What integer is shown by the arrow	6. Work out: kg g
	P Delow.	4 250 5 750
	4 -3 -2 -1 0 +1 +2 +3 +4 +5	
7.	The cost of a mathematical set is sh.	8. Wandela is a 17 year old boy. Writ
	5000. How many mathematical sets can one buy with sh. 15000?	his age in Roman numerals.
11	Angella turned clockwise from North to face South East. What angle did she turn?	10. Find the size of the angle marked K the figure below.
		559 K



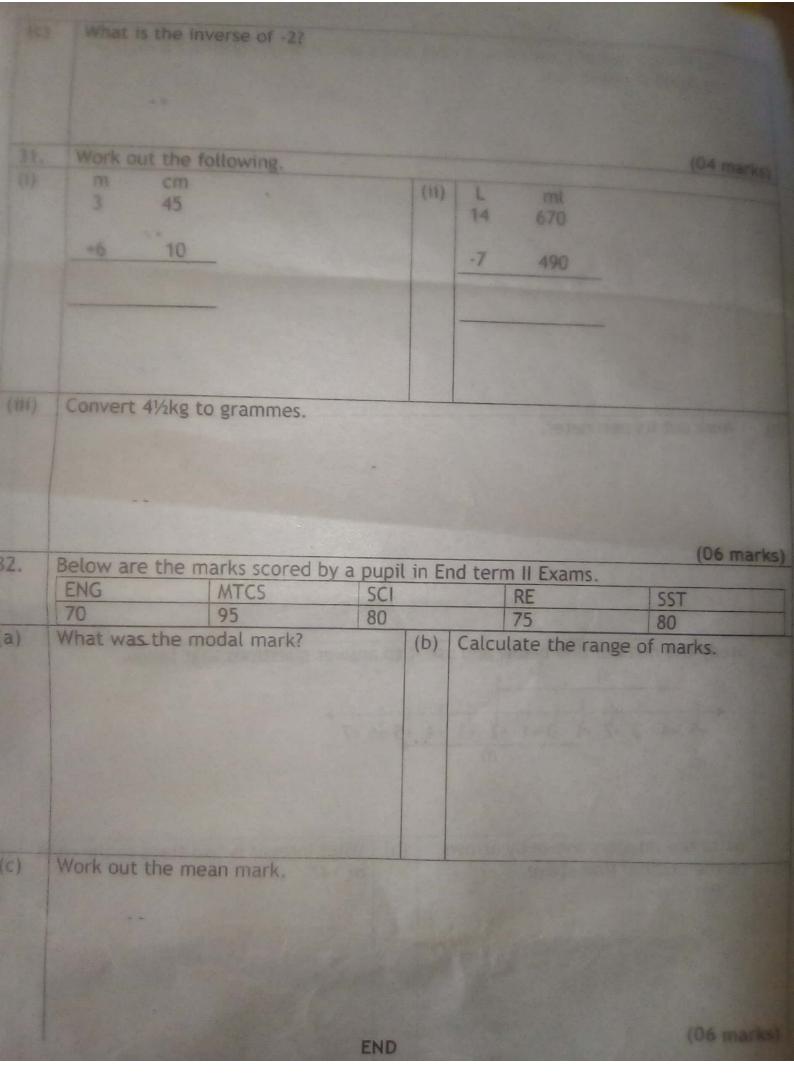
		The perimeter of a square is 44cm.		
		Find the length of its side.		
		TOTAL OF ITS SIDE		What number is added to 9 to get 16:
				nation is edited to 9 to get 163
		Find N		
		Find the expanded number as 6 hundreds + 4 tens.	-	
		hundreds + 4 tens.	14.	Express 231 inve in base ten.
	1		1	TO PRODUCE COLLEGE
	1		1	
1	1 1			
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1			1	
-				
15.		ohn bought a watch at sh. 8500 and		
1			16.	
1		The selling process at the		+3 9
	1 W	atch?	1	OF SPEAN PRODUCE ME S DE SERVICE
	-			
	1			
	1			
			154	
17	Ma	Sec covered a divi		
34	5 6	ses covered a distance of 40km in	18.	Given that represents 5 balls.
	1	ours. What was his speed?	1	
	-		1 100	How many balls are represented by
	1			0000
	1	. 30		0000
	1	The second second second		
	1			
9.	Con	vert 4000g to kg.	20.	Write 14 using tallies.
		is to kg.		tautes.

	Given that set A = {counting numb B = {odd numbers less than 10}.		
(a)	List all elements in set; (i) A (ii) B	(b)	Put all the elements on the week
22.	Carrows at an Est search. A		The state of the state of the state of
Ach.	Given the number 4 9 6 3.		(05 mar
(a)	Write the place value of 9 in the number above.	(b)	Write the number 4 9 6 3 in expans
:)	Round off the number above to the	nearest	hundreds.
	A motoriet tal		(05 mar)
3. 1	A motorist takes 6 hours to travel fro	m Ruku	(05 markingiri town to his home at a speed o
)	A motorist takes 6 hours to travel fro 14km/hr. What distance is it between the two places?		ngiri town to his home at a speed of Express 180 minutes in hours.
)	What distance is it between the two		ngiri town to his home at a speed o
) 1	What distance is it between the two places?	(b)	ngiri town to his home at a speed o

(a) Solve: y + 4 = 12		(b)		
The table below shows th	e amount of	mon	ey Mr. Muriisa got at his shop.	
Denomination	No of not	es	Amount	
1000 shilling note	15		Sh.	
5000 shilling note	4		Sh	
shilling note	1		10,000	
50,000 shilling note	2		Sh.	
Total amount			Sh	
			(05 marks)	
(a) Subtract: 4 3 2 _{five} -2 3 1 _{five}		(b)	Write 43ten in base five.	

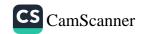


	(a) Using a pair of compasses, a ruler and a pro-
	(a) Using a pair of compasses, a ruler and a pencil only, construct a regular hexagon of radius 3cm.
(b)	Work out its perimeter.
20	(5 marks)
30.	Study the number line below and use it to answer questions that follow.
30.	Study the number line below and use it to answer questions that follow.
30.	
30.	Study the number line below and use it to answer questions that follow. -5 -4 -3 -2 -1 0 +1 +2 +3 +4 +5 +6 +7 m
	Study the number line below and use it to answer questions that follow. n -5 -4 -3 -2 -1 0 +1 +2 +3 +4 +5 +6 +7
30.	Study the number line below and use it to answer questions that follow. n -5 -4 -3 -2 -1 0 +1 +2 +3 +4 +5 +6 +7 m Write the integers shown by arrows on the number line above. (b) What integer is two steps to the right of +4?



Qn.	Class	Solution	P.5 M	ATHEMATIC	
1	13		Marks	Comments	
2	P2	Four hundred nine	B2	for 33 fulleui through	
3	P.4	41,36,31,26,32	BI	fer 21 for 16	
4		(Pup)={a,b,c,d,e,f,e,f,e,f,e,f,e,f,e,f,e,f,e,f,e,f,e	Character who continues to the continue of the continues	No Section 1997	1
5	P.5	P = +6	B ₂	for TE.	
6	P.4	KS 9 4 2.50 5 7.50	Barre	for loke	
7.	P 5	Sh 35 Walsh	m	fer dividing	1
8		35ets.	A	fer 3	1
9	P.4 P.5	17 = 10+7 = X VII = X VII NW NE V 45 X 3	B ₂	for XVIII	

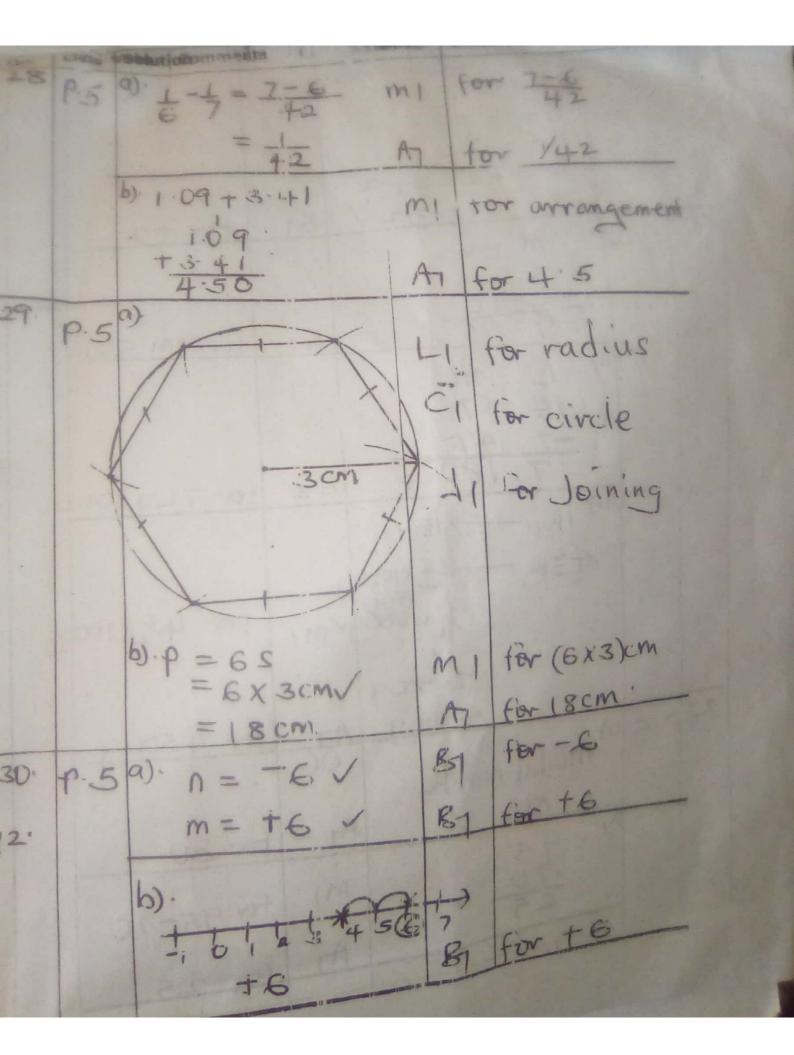
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SET I TERM III 2022		
Class Solution		
K155 = 90-7	Mrks	Comments
R+58-55 90'55	W	100 96 -55
135 45 = 4+ cmv	M	for 3.54
# ## CM	mi	tor 44
S=110M	A-1	iernem
12 19 3 16 - 9 - 7	Bi	for 7
13 1 4 Ehundreds +4 tens	1	
- XIEC + 4XIO	mi	foradding
650 +40	VI	
640	A	ter 640
14- PS 231 Five	4	THE RESERVE
(2x5x5) +(3x5)+(1K	i) mi	For expanding
50+15+1	house	
GETEN	A	terek
15. C5 Sh \$ 500	mi	ter 8.500-1800
- Sh 1 8 90	1	fer sh 6700
16 13 2	143	CHILD WAR
+33	B2	for 60
17 PSS=A=T	mi	fer 45
#KM V	A	for 5 km/hr
= skmlh!	1 50	11111 1 mm



ian.	Classin	Agention Sentiate			
18.	P.4	4x5 balls			
		20 balls			
19.	P4	1000g > 1 kg			
	17	Ann want			
		1000	MI	for thec	
		HK9.	M	for 4kg	
20	P.4	14 = 111 111 111		LEA 417	
-	1 1	14= 111 1111	82	for 1111 1111	
21-	D. =	a): (i) A = \{1,2,3,4,5,4,7,5,			24
	13	(1) A=21,2,3,4,5,47,5	8,94 B1	follow	
		(1) B=51,25791.	0	Hwough	1
		1 A = 2	15	7	
		b). 7	A STREET		
		14 (1)	B1.	Foller	25
		6 3	RST	Hwough	-
		8 597	10		
			801		1
22.	^ .	a). TH H = 0			-
22.	P.4	a). TH # 70 4963			
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		to The Hora	187	for hundreds	1
		b.TH 17 63	The state of the		
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		4000+900+60+3	1		
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Marie al		C). 14963 +1000	m	follow	
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		13346			
	Qn.	- LIMS	S Shiutionomments		
		PS	41.0		Commones Comp.
1	1	REE		m	Fam. Comp. 4
				0	for 14x6
			Gemin - 1hr.	1	for 84km
			1800	mi	
			AND THE		for 180
2111			c) 3 hours	M	for 3 hours
	24.	P:5	3:30 9: 9t4 = 12.	BI	C = Stours
			914=12	1 770	30
			374-4=12-47	mi	for 12 -4
			b) <u>y = 8</u>	A	for 8
	25		1 12+4 =10	mi	fer 12+4
	25.	P.4	sh(5x1000)	-3 VI	ter 16
			3115000	87	fer shiscoc
			Sh Stox4	p	1 Cr Shiztet
			Shacoer	65	for sh 20000
			shippeo		
12		1		1.22	
			shicies	81	for 10,000
			sh 5000x2		
			Shippond /	Bon	fx shioo, cec
-			THAI = Shir par		
			54 10,00C		
	Carl C		+ 54 15 000	N. L.Y	
			Total = 51 10,000 + 3h 20,000 5 h 45,000	RSI	fer sh 145,000
		30,75	The state of the s		311 (42)000

ette Qn.	Class & Solution of the Comment		
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	+32 five		
	P5 432 five -231 five 201 five	10	
	5) +sten =	162	for 201 five
	-Ten =	100	
	5 43 3 4 5 8 3 5 1 1 1	mı	for dividing
	511	-	County of
	1011		
	40.		29
	43ten = 133 c). ff f 3 fives fives	five A	for 133 five
	19. 453 cine		
	five	1 2	Ca- Civas
27.	(0) 01:17	V	LOL LIVES
	P.5 (9) 2 + 7		
	7117	MI	forprime
	1 11		factorisation listing
	2x2x7		(Accept listing Pactors)
	4x7 28	A	for 28
	b) F12 = 11/12		
	= 2x&		
	= 3 14		30
	1, 2, 3,	4,6,12VB2	- for 1, 2, 3, 4, 6, 12.
	0. 20		10. 11. 11.
	2 10	87	for 2
	国		
	5-	0	FOR
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hen	
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N-2 =0	
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n=+2V	
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	B2 fer 9m 550m
(ii) L mL	
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7 180 /	B2 for 7 L 180ML
(iii) 1Kg -> 1000g	
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modal mark	0. 7. 50
80. V	B1 for 80
6) 95	M) for 95-70
-70	1 - 1 - 1 - 1
25	A for 25

