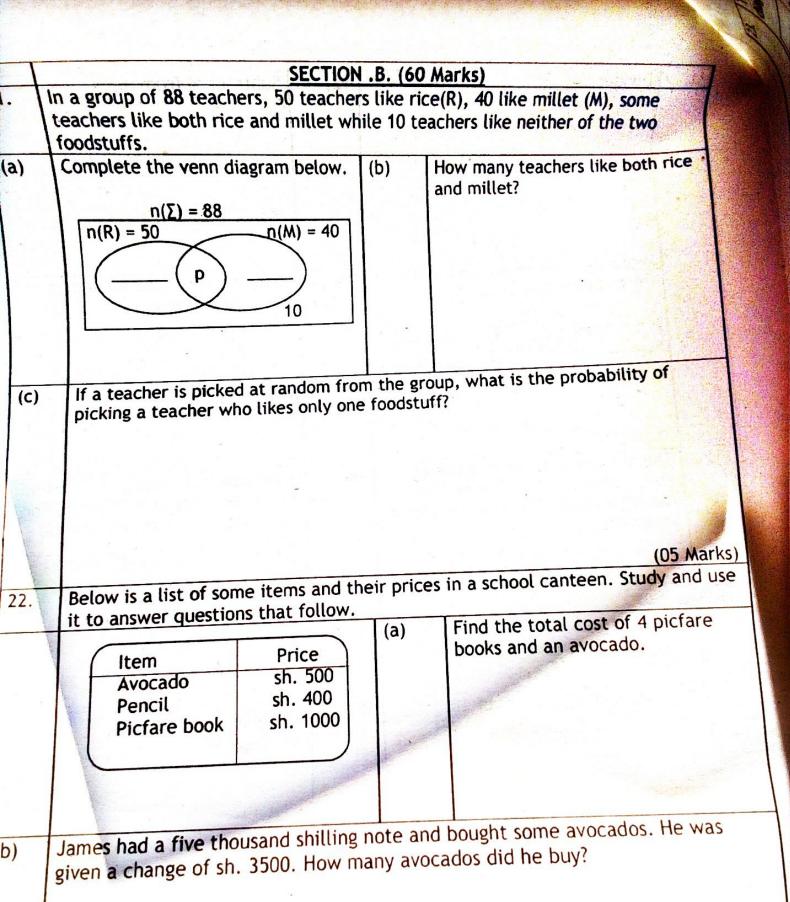
BBROAD EXAMINATIONS®

P.7 MATHEMATICS EXAMINATION TRIAL SET I TERM

FOR EXAMINER'S USE ONLY PAGES MARKS SIG Page 2 Page 3 Page 4 Page 5
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Broad Educational Consult 2024. Tel: 0486 - 442077, 0786-659301, 0772-864523. Page 1 of 8 P.7 Mathematics Set I Term I 2024 FOR ACADEMIC EXCELLENCE, AVOID MISSING BROAD HOLIDAY PACKAGES, WORK BOOKS & PAST PAPER BOOKLETS.

Add		
Add; 6 + 4 SECT	10	
	ON .A.	(40 Marks)
The state of the s	12.	(Weiss to
Name the set symbol below.		Write 49 in words.
Ø	4.	A pencil costs sh. 500 and a rubber costs sh. 500. Find the total cost of the two items.
How many quarter litre bottles can fill a 10 litre jerrycan?	6.	Find the state of
Hamimaxa and Programment use only	tidinto	Find the next number in the sequence below. 6, 10, 14, 18,
Pago 2	41	
Study and complete the table below.	8.	Work out; litres ml 9 250 -3 140
Name Shape		The second secon
(i)	esel () losse ese Secondo	
(ii) cone		
Given that represents 12 boxes, draw symbols to represent 54 boxes.	10.	Below are two containers A and B. Use "less" or "more" to compare the containers.
	1911765	A B
Approved by France Head Mathematics Dept.	3	(i) Container A holds water than container B.
"ICACI CITIATIVATION"		1



	The state of the s	vis the same horizontally, vertically and
		Horizontally, Verti
	Salara Salara	is the same north
100	dues in the table below	
15	the sum of the values in the table. diagonally. Complete the table.	
3 /	diagonally: Complete	6dm
	20 27	
		mb) 1
	26 24 —	
	21	(C)
		(05 Marks)
	4	
		1 percentages and the rest are day scholars.
24.	Out of the 96 pupils in a P.6 class	$\frac{1}{3}$ are boarders and the rest are day scholars.
	Out of the 96 pupils in a P.6 class Find the fraction of day scholars.	, $\frac{1}{3}$ are boarders and the rest are day scholars. (b) How many more day scholars than boarders are in the class?
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(a)	A bus left town P at 7:20a.m and	d reached town () at 9:50a.m. Liby Lifthe average speed of the bus
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	261				
		6dm 7dm	(ii) edges	
h:	(b)	Work out the volume of the cuboid	above.		
b					
9					
	4415			(05 Marks)	
		(a) Using a ruler, a pencil and a pai KLMN of sides 6.5cm.	r of compas	sses only, construct a square	
		KEMIN OF SIGES OF SELLI			
		(b) Measure diagonal LN.			
	28.	A mother is three times as old as was 6 years old.	ner daughte	(06 Marks) er. Four years ago, her daughter	
	28. (a)			(06 Marks)	
		A mother is three times as old as was 6 years old.	ner daughte	(06 Marks) er. Four years ago, her daughter	
		A mother is three times as old as was 6 years old.	ner daughte	(06 Marks) er. Four years ago, her daughter	

End its number	(a) Express fraction in	0.125 as a commonits simplest form.	(b) .N be	hange 4 into a		
15	(06 Mark	.sv	book	y spent his pocked buying a ruler on buying a graph in buying fruit juris of 4cm, const	sh. 2000 c sh. 2500 c sh. 2500 c sh. 2500 c	.S
	30. (a) Wo (i) 4 1 26 + 4 16		(ii)	1 0 2 five - 1 1 five	information	
	(b) Expar	nd 320 _{five} using powe	rs.			
				Special Sections of the	(05 Mark	<u>(s)</u>
			elow snowing the	prime ractors of the	wo numbers 40 ar	na
	N.					
6	N.	F40 FN		m		

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b)	Work out the LCM of 40 and N.	
		(06 Marks
32.	A school boy spent his pocket money as follows;	
	- sh. 1500 on buying a ruler	
	- sh. 2000 on buying a graph book - sh. 2500 on buying fruit juice	
	Using a radius of 4cm, construct an accurate pie chart to show th	ne above
	information.	
-		
1		
		- gr with it
		(OF Marks)
		(05 Marks)
	END	