BROAD EXAMINATIONS® P.7 MATHEMATICS EXAMINATION

	Time allowed	I TERM II ed: 2 hours 30 minutes.			
	Random No. Personal No.				
'upil's Name					
District Name: .		20 000 000 000 000 000 000 000 000 000			
Read the fo		FOR EXAMINER'S USE ONLY			
	made up of two sections: A	and b .	PAGES	MARKS SIGN	
Section A ha	Page 2				
. Section B ha	Page 3				
	questions in both sections a must be written in the space		Page 4		
All answers					
	ball point pens and ink. On	70. 14. 3. 3. 3. 3.	Page 5	1	
be done in p	encil.	id to loss of marks.	Page 6		
UnnecessaryAny handwri	Unnecessary crossing of answers will lead to loss of marks. Any handwriting, which cannot be easily read, may lead to				
1 . f morks			Page 8		
. Do not fill a	nything in the boxes indicate	ed for	TOTAL		
Examiners' u	ise only.	learner			

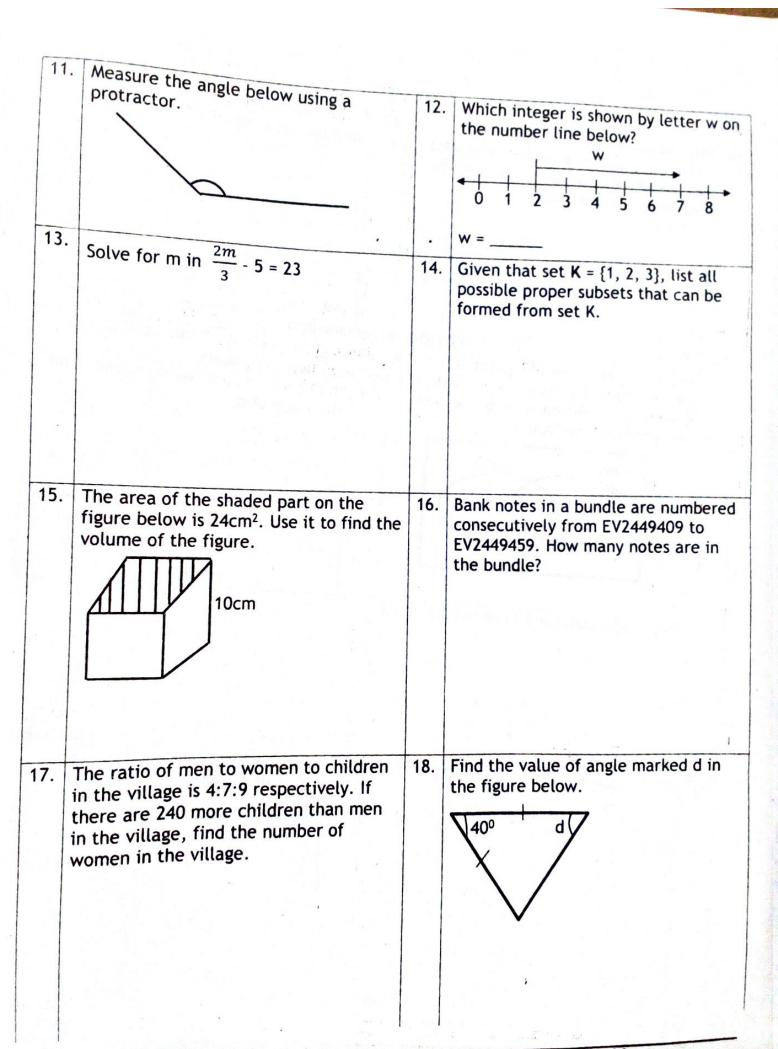
Consult 2024. Tel: 0486 - 442077, 0786-659301, 0772-864523. Page 1 of 8

D 7 Mathematics Set I Term II 2024

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PACKAGES, WORK BOOKS & PAST PAPER BOOKLE (S.

11	SECTION .A. (40 MA	ARKS)
1.	Add; 2 7 _+7 2	2.	Write the place value of the odd number in 2548.
3.	Express 4800 millilitres to litres.	4.	Use the venn diagram below to find n(P - M). The second of the last of the la
5.	Study the figure below and find its number of vertices.	6.	Circle the number that is exactly divisible by 6 in the following numbers. 2461 705 3108
7.	A tray of eggs costs sh.13500. If it is sold at sh.15,000, calculate the profit that can be made.	8.	What morning time is shown on the clockface below?
9.	Which number was written in standard form to give 1.03 x 10 ⁴ ?	10.	Opolot dug $\frac{3}{8}$ of the garden while Omala dug $\frac{2}{7}$ of the same garden. What fraction of the garden did both dig?



	The following marks were got by different pupils in a mathematics test.	20.	Given that; $a + b = c$, $a = 4$, $b = -9$, find the value of $a^2 + bc$.
	40, 64, 35, 40, 70, 64 and 40. Use the marks to find the mode.		This the value of
21.	In a class 18 pupils like and 18	B. (6	MARKS)
	In a class, 18 pupils like posho (P), 12 lik (P) and matooke (M) while 3d pupils like	ke ma	tooke (M) only, d - 2 like both posito
(a)	Use the given information to complete the venn diagram below.	(b)	If 30 pupils do not like matooke, find the value of d.
	n(P) n(M)		
	$\left \left(- \left(\frac{d-2}{2} - \right) \right \right $		
	3d		
(c)	How many pupils are in the whole class?		
- 1			
			(06 Mark
1	(a) Expand 40,379 using powers of 10.	(b)	Find the value of 2 and 41
2.	(a) Expand 40,577 doing power	.4	Find the value of 3 and the place value of 4 in 40,379.
2.	(a) Expand 40,577 doing power	· V	value of 4 in 40,379.
2.	(a) Expand 40,377 doing power	7	value of 4 in 40,379.
2.	(a) Expand 40,377 doing power	. 4	value of 4 in 40,379.
2.	(a) Expand 40,577 doing power		value of 4 in 40,379.
2.	(a) Expand 40,577 doing power	1	value of 4 in 40,379.
2.	(a) Expand 40,577 doing power	1	value of 4 in 40,379.

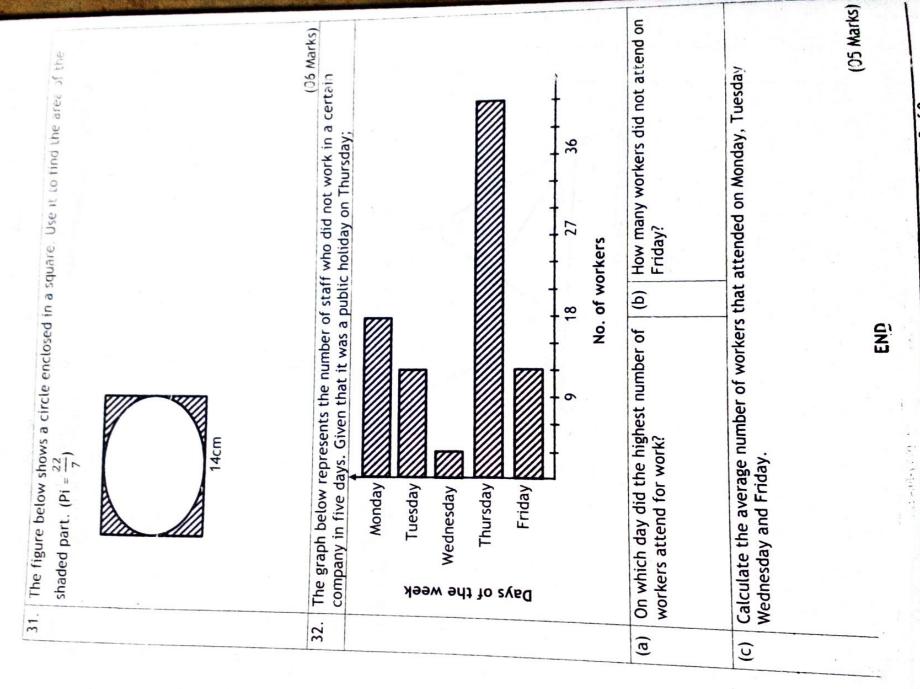
	or the Wor	le interest that	n a SACC sometir t was	(b)	For how long did the money stay in the SACCO?		
					(05 Ma		
(a) Find number	a) Find the sum of the third composite umber and the sixth cube number.		nposite per.	(b)	Study the sequence below and use to find the value of z. 2, 3, 7, 16, 32, 9+2z		
	271						
					(05 Mar)		
Study and complete the table below correctly.							
Kg	3	P. C. C. William	2^{1}_{2}	16			
gm	3000	4000			6120		
	Study a	Study and comple	Study and complete the table be	Study and complete the table below cores to $\frac{3}{4000}$	Study and complete the table below correctly Kg 3 2\frac{1}{2} 16		

	(a) Using a ruler, a pencil a where $\overline{KQ} = \overline{KP} = 6$ cm and		ompa	sses only, construct triangle	KQP
	miere kg = kr = oem and	17.00			
	(b) Measure line PQ.				
	(b) measure time r Q.				(OF Manks)
7.	(a) Multiply; 3 6 8		(b)	Work out (12.5 x 3.17) + (6	(05 Marks) (05 Marks)
	x 59		(0)	using distributive property	
Contratement					
STATE STATE					
Address of the					
VIII CAROLOGICA					
STATE OF THE PARTY.					(04.44==1;
1	(a) Simplify; $2\frac{1}{2}$ of $\frac{2}{5} - \frac{3}{8}$		(b)	Simplify; 0.24 x 1.6	(04 Marks
	(a) Simplify, 22 or 5 8			0.48	
AUTO VIEW COME.					
					(05 Mark

A cyclist left town at 11:30a.m and reached the village at 2:00p.m. How long did the journey take? (b) If the cyclist covered a distance of (a) 150km from town to village, at what speed was he moving? (04 Marks) Study the figure below and use it to answer the questions that follow. (a) Find the value of W in degrees. 25°

Find the size of angle NSP. (b)

(04 Marks)



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