Marking Guide PI Waths 45%.		ATIC =
VCE 2022	DATE_/	
$(3^3)^{\frac{3}{3}} \div ((2^3)^{\frac{3}{2}} \times (2^3)^{\frac{3}{2}})$	MI	for base 3/2
$3^2 \div (2^{-2} \times 2^4)$	MI	Simplification_
$3^2 \div 2^2$	MI	
9:4= 9/4	A	
$2 - \left(\frac{4}{-8}\right) = \left(\frac{2}{0}\right) - \frac{36}{0}$		1 7
	M	Correct Substitution
26 = (2) - (4)	1.	
26 = (-2)	MI	The transfer of the
1 11-21	MI	Softlyvictor
3	M	driedy by I
= (4) (3)	1	- L
17 M	-	<u> </u>
80 X2000 X5 + 120 X2000 X2.5 Shoo x 2000 = 100	MIMI	M C 80x2000
100 100 asyon x 2000 = 56		m a toxa w
8000 + 6000 = 14000 = 80(100) + 120(50)	MAT	1.0 -
= 8000 teoro		
A=[1,2,3,5] = 14000 M		<u> </u>
B'={1,3,7}	ВІ	
AnB'=1,3}	38,000	
n(AnB')=2.	BI	-
B=52,5,6}		-
1-6.7	BI	for A'
Alub={2,5,6,7}.	BI	
1 1	L	

		125747327H
	hál h	ATE Correct Substitution
500+(6) = a = 6	MIA	Substitution
$a = 6 \times 8 = 48$	A	-
(i) $f(-8) = 48 - 48 = -8$ -8+2 -6 = -8	MIM	
6. d= 18×3=54	MIM	es mult theater
time = 54 = 3.6hs.	m A	
2y = -3x + 8 $y = -3x + 4$	ml	Making 4 the Subject
grad. = -3/2.	M	
10 hen x=0, y=k	1	
<i>κ</i> = 4·	A A	
8. 216 x 8.142 x 5 x 5 = 47.13 cm ² . 360 x 47.12	MINIMIN	my withing or supplied from many 47-12
9: 4.2 x 300000 x 300000 37.8 WA	2. MIMIMI AT	m es locator substitut
$\frac{10 - 6(3x+7) + 10x = 5(x-2)}{10 - 6(3x+7) + 10x = 5(x-2)}$	MI CAS	Mut theatin
-18x + 42 + 10x = 5x - 10 $-13x = -32$ -13	M) Sya	ph herty
x=4=32 = 2.46	A	

SECTION B.		
SECTION B.	E LEGICAL	
¿Ú)	DATE_/	/
19		
n(v)=17 =30	Bi fo	3 (Frans)
3 /2		7
5		15
63		-
2		6
\propto	BI for	
(B)	131 for	2.
3+7+6+3+2+5+2=30	M	
26+20=30		
$\chi = 4$	A7:	
6+3+7+2=18	MIA	
	MI	· ·
3+4+5 = 12 - 2 30 30 5.	MIM	<u> </u>
30 30 5		
3y-x=4		
8y = x + 4	,	
$y=\frac{1}{3} \times +4$	0	
AB = 43.	B _J	
-1 -1/2	MI	
3 3		
×+6.	17	
AB = 3y = x + 6		
75 = 0y= x+6,		***************************************
		.150 1177 1

. . . .

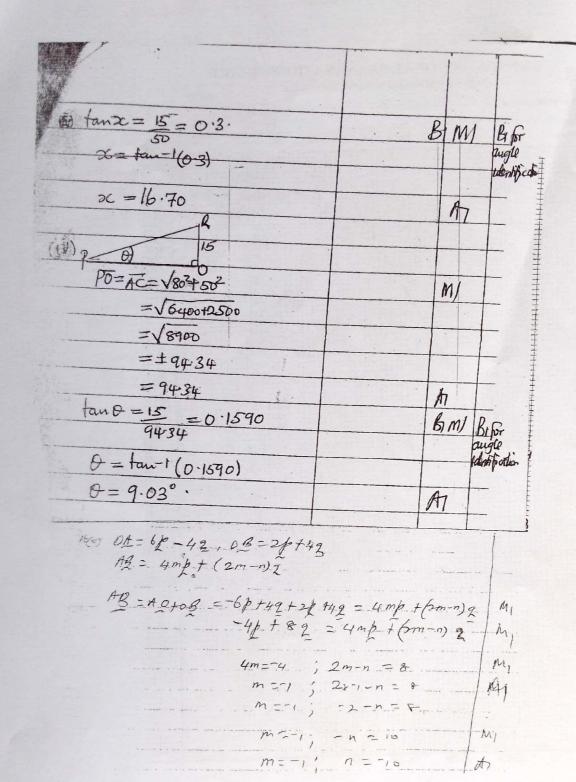
Marie Contract of the Party of

-			1	1
(b) P(x18) (216)			DATE_/	
AC-2.0 B(3,3) AD AB.				
grad to = -3.			Bi	
<u>y-1</u> = -3			MI	
X+3				
y-1=-3>c-9				
y = -32c - 8.			to	
(c) Egg of BC				
$\frac{y-b}{x-2}=-3$		is is	MAM	
y-6=-3×+6	A. C.	163		
3 y=-3x+12.				
3y = oc + 6			MI	
3y = -9x + 36				+
3y = x + 6				
0 = -10x + 30				
16x = 30				
x=3.				
34=3+6=9				
y=3·		1	h	chill.
B(3,3).			BIA,	
x+3=-V2		*	mi	
2x+6=-2 2x=-8				
2x = -8 $x = -4$				
		. 13	-11	

1		
y+3 = 7 ₂		DATE_/_
		MI
2y+6=14 $2y=14-6=8$		
		Asse
y=4		
D(-4,4).		BAI
- C		
13(a) fer = 2x		
(i) $f(-1) = 2x - 1 = -2 = 1$		MAT
(i) f(-1) = 2x-1 = -2 - 1 $-1-3 - 4 2$		
f(0) = 280 - 0 - 0		MA
(i) f(0) = 2x0 - 0 - 0 $0-3 - 3$		חלוייי
(ii) let y= 2x	i institut	mi
2-3		(1)
yoc-34 = 20c		
9x-2x=3y		
$\chi(y-2)=3y$		
X = 35		47
y-2		
C'm = 390		BI
$f'(x) = 3\mathbf{x}$ $x-2.$		
	BI	MA
(iv) f'(i) = 3 - 3 - 3 - 3	. 01	101107
	NA PARA STATE	9-1
		1

(h) am-20-46		DATE (
(b) $g(x) = 2x+5$ $h(x) = 3x^2$		DATE_/_/	= (())
		1001	_
(i) $g(3x^2) = 2(3x^2) - 5$		mı	_
$=6\times^25$			
$gh(x) = 6x^2 - 5$		M	
(i) gh(x)=0			
6x2-5=0	•	MI	
$\chi^2 = 57$			
x=± 0.3727.09129		M	
14 See graph.			
15 d) Q.			
Oir			
9 50cm			* *
Pa=1502+162		M	
= \2500+225			
= \2725			
= 52·20cm		AT AGE	196-52-20
$\frac{1}{15}$ $\tan \theta = \frac{50}{15} = 3.\overline{3}$		ml	
0 = tun (3.3)			
0 = 73·30°		M	
V = 73.30		1.7	No faile

W.14	(To be fastened together with other	UACE
		Random No.
	Paper code	/ Personal Number
4		
		Bus A
		(a) time lower to coner 2
		150 47 = 152 = 25n6 0
		Time lakes cover four
0		B TO = ghs B
		35
		Time taken to cover
		220000000000000000000000000000000000000
		50 Ans D
		By For graph A
		a con anot B
		n C lan Calen
		(b) Brain 145 km from 9
		B) For 10-24 am
		Cy Bridges A reachastet field by Low B 11 11 15
		@ Bun 8 11 11 11 11
		220 _ 14 km/hr 1
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7 法国推		
*:"[班		
ç; 崖韻		100 5.00



7 (a) 72000 x12 = 864000	MI /	
18000×12 = 216000 Annual taxable income 6 864000-216000=648.000	MEAT	
(b) 90240×10 + 90240×15 + 90240×160	MIMI COM	-
90240×25+90240×30+196.800×32.5 (1) 100 100 100 100 100 100 100 100 100 100	160- MI	
154200 (c) 864000 - 154200 = 709800	MIA	TILL STREET
(c) 864000 - 134200 - 74.		

A CONTRACTOR OF THE PARTY OF TH	
	DATE
4 = 2x-3,-n	
12.0	
4 = 78-11	A
n=-7	
(b) 5R = 29.	TO L
SP=SR+RP	
= 29 - 6.	MI
52= SP+P2	
=2a-b+9	M
3a-6	
(c) Ac=(6)-(2)=(4)	MI
(3) (-1) (8)	With the state of
AB = 3(4) = (3) $4(8) = (6)$	
4137 (6)	ml
(x) - (2) = (3)	
V-2=3	A
x=5	
4+1=6	A
$\chi - 2 = 3$ $\chi = 5$ y + 1 = 6 y = 5 $\beta(5,5)$	
8(5,5)	
件	