

PANDUAN PENSKORAN (TRIAL PT3 2019)

BAHAGIAN A (20 MARKAH)

1.	C	2.	B	3.	A	4.	C	5.	B
6.	C	7.	D	8.	A	9.	C	10.	D
11.	B	12.	D	13.	D	14.	D	15.	A
16.	C	17.	B	18.	B	19.	D	20.	A

BAHAGIAN B (20 MARKAH)

NO	SKEMA	MARKAH	TOTAL MARKAH																				
1a)	<table border="1"> <tr> <td>a)</td><td>$6 + 3 = 3 + 6$</td><td rowspan="4"> </td></tr> <tr> <td>b)</td><td>$4(5 + 2) = 4 \times 5 + 4 \times 2$</td></tr> <tr> <td>c)</td><td>$0 + 7 = 7$</td></tr> <tr> <td>d)</td><td>$(2 + 8) + 10 = 2 + (8 + 10)$</td></tr> </table> <table border="1"> <tr> <td>Associative law</td><td rowspan="4">P1</td></tr> <tr> <td><i>Hukum kalis sekutuan</i></td></tr> <tr> <td>Identity law</td></tr> <tr> <td><i>Hukum identiti</i></td></tr> <tr> <td>Commutative law</td><td rowspan="4">P1</td></tr> <tr> <td><i>Hukum kalis tukar tertib</i></td></tr> <tr> <td>Distributive Law</td></tr> <tr> <td><i>Hukum kalis agihan</i></td></tr> </table>	a)	$6 + 3 = 3 + 6$		b)	$4(5 + 2) = 4 \times 5 + 4 \times 2$	c)	$0 + 7 = 7$	d)	$(2 + 8) + 10 = 2 + (8 + 10)$	Associative law	P1	<i>Hukum kalis sekutuan</i>	Identity law	<i>Hukum identiti</i>	Commutative law	P1	<i>Hukum kalis tukar tertib</i>	Distributive Law	<i>Hukum kalis agihan</i>	P1	4	
a)	$6 + 3 = 3 + 6$																						
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b)	<table border="1"> <tr> <td>x</td><td>-1</td><td>0</td><td>1</td><td>2</td><td>3</td></tr> <tr> <td>y</td><td>1(N1)</td><td>4</td><td>7(N1)</td><td>10(N1)</td><td>13(N1)</td></tr> </table>	x	-1	0	1	2	3	y	1(N1)	4	7(N1)	10(N1)	13(N1)	N1 N1									
x	-1	0	1	2	3																		
y	1(N1)	4	7(N1)	10(N1)	13(N1)																		
2	<table border="1"> <tr> <td>2</td><td>2</td><td>6</td><td>7</td><td></td></tr> <tr> <td>3</td><td>1</td><td>3</td><td>7</td><td>N1</td></tr> <tr> <td>7</td><td>1</td><td>1</td><td>7</td><td>N1</td></tr> <tr> <td></td><td>1</td><td>1</td><td>1</td><td></td></tr> </table> <p>Therefore, the LCM of 2, 6 and 7 is</p> <p>$= 2 \times 3 \times 7$ K1</p> <p>$= 42$ N1</p>	2	2	6	7		3	1	3	7	N1	7	1	1	7	N1		1	1	1		N1 N1 K1 N1	4
2	2	6	7																				
3	1	3	7	N1																			
7	1	1	7	N1																			
	1	1	1																				

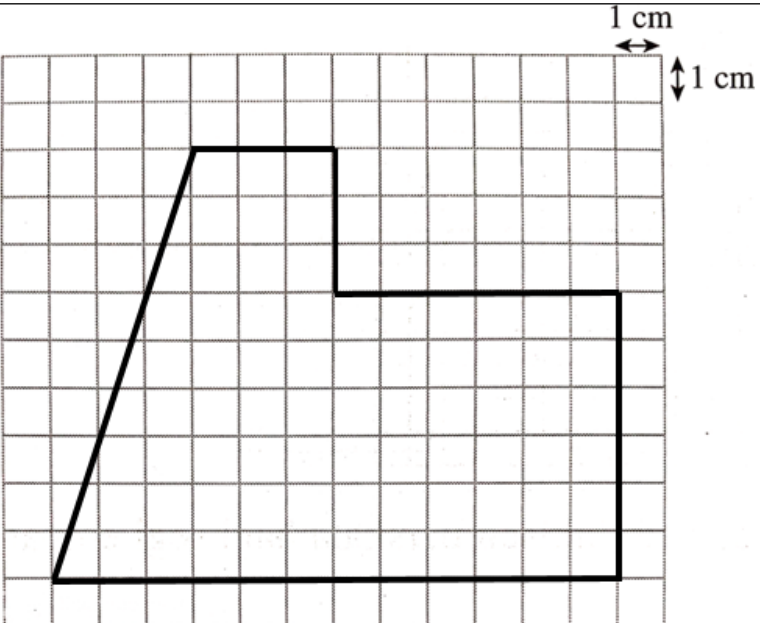
3		P1 P1 P1 P1	4
4	i) plot titik ii) graf garis iii) carta palang iv) carta palang	P1 P1 P1 P1	4
5	a) Hartanah b) i) akaun simpanan ii) akaun semasa iii) akaun simpanan tetap	P1 P1 P1	4

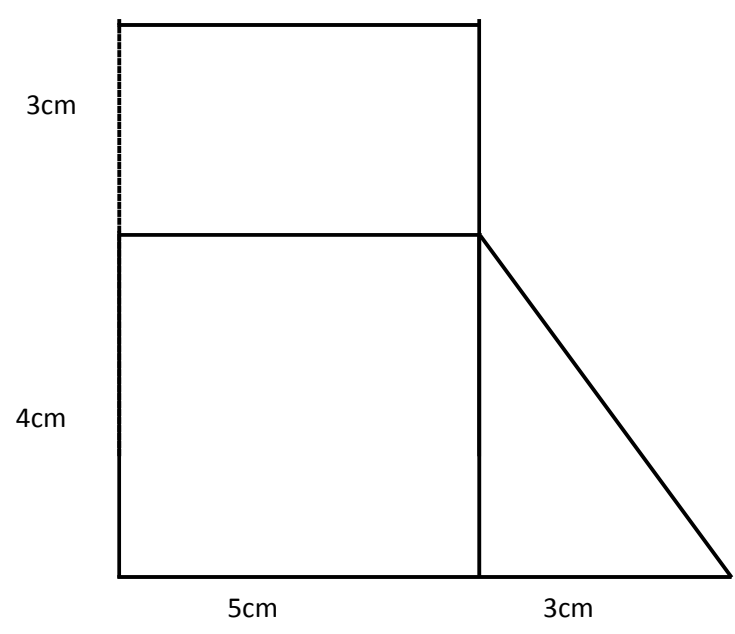
BAHAGIAN C (60 MARKAH)

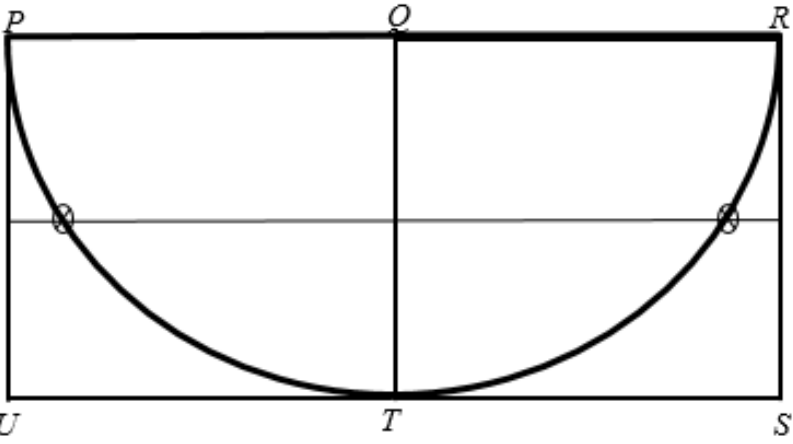
NO	SKEMA	MARKAH	TOTAL MARKAH
1.a)i)		P1 P1	2
b)	(i) $r \geq 40\,000$	P1	4

	<p>(ii) $m \leq 2$</p> <p>(iii) $t \geq 80$</p> <p>(iv) $s \geq 5$</p>	<p>P1</p> <p>P1</p> <p>P1</p>	
c)i)		<p>K1</p> <p>N1</p>	2
c)ii)	<p>$0.8 - 0.0081$</p> <p>0.7919</p>	<p>K1</p> <p>N1</p>	2
			10
2(a) (i)	162	N1	10
(a)(ii)	Acute angles/sudutcakah	P1	
(b)i)	<p>180-40-20/2</p> <p>60</p>	<p>K1</p> <p>N1</p>	
b)ii)	<p>X=95</p> <p>Y= 180-70-85</p> <p>25</p>	<p>N1</p> <p>N1</p>	
(c)	<p>Area of the original signage = 1.2×3 = 3.6 m^2</p> <p>Area of the new signage = 3.6×9 = 32.4 m^2</p> <p>The new signage area is 9 times bigger than the original signage area.</p>	<p>K1</p> <p>K1</p> <p>K1</p> <p>N1</p>	
3.a)i)	<p>10</p> <p>12</p>	<p>P1</p> <p>P1</p>	2

a)ii)	+2	N1	1
a)iii)	2(8)+2 18	K1 N1	2
b)	$a + 2a + 3a + 96 = 360$ $a = 44$	K1 N1	2
c)	i) {S,U,R,A,T} ii)a) {S,R,T} b) {U,A}	P1 P1 P1	3
			10
4a)	(a)(i) (a)(ii) (b) Seen (c) $1/4 \times j^2 = 9$ $j = 6$ (6 X 12) (9 X 3.142) or (6 X 12) (X 3.142 X 6 ²) or 72 - 28.278 43.72	N1 K1 N1 K1 K1 N1 K1 K1 K1 N1	10

5a)i)	<table border="1"> <thead> <tr> <th>Age (year)</th> <th>Tally</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>6 -10</td> <td>/</td> <td>1</td> </tr> <tr> <td>11 – 15</td> <td>/</td> <td>1</td> </tr> <tr> <td>16 – 20</td> <td>### /</td> <td>6</td> </tr> <tr> <td>21 – 25</td> <td>////</td> <td>4</td> </tr> <tr> <td>26 – 30</td> <td>////</td> <td>4</td> </tr> <tr> <td>31 - 35</td> <td>////</td> <td>4</td> </tr> </tbody> </table> <p>Tally column all correct Frequency column all correct</p>	Age (year)	Tally	Frequency	6 -10	/	1	11 – 15	/	1	16 – 20	### /	6	21 – 25	////	4	26 – 30	////	4	31 - 35	////	4	K1 K1	2
Age (year)	Tally	Frequency																						
6 -10	/	1																						
11 – 15	/	1																						
16 – 20	### /	6																						
21 – 25	////	4																						
26 – 30	////	4																						
31 - 35	////	4																						
a)ii)	All 5 bars correctly drawn *Note: Award N1 if 3 or 4 bars correctle drawn	N3	3																					
b)	1:2400	N1	1																					
c)i)	6	N1	1																					
c)ii)		N3	3																					
			10																					

6.a)	i)JK/ML/PQ/RS ii)JP/MS iii)PS/QR/KL/JM	P1 P1 P1	3
b)	Bentuk Ukuran Licin 	K1 K1 N1	3
c)i)	RT	N1	1
ii)iii)iv)		N1 N1	3

	 <p data-bbox="235 724 527 766">Kedua-duapersilangan</p>	<p data-bbox="1169 273 1218 315">N1</p>	
			<p data-bbox="1347 808 1396 850">10</p>