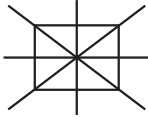

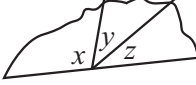
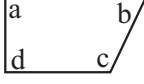
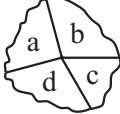


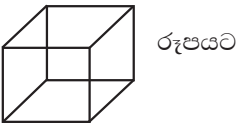
පිළිතුරු පත්‍රය

I කොටස

01.	(i) 	01	
	(ii) 4	01	02
02.	$\frac{7}{5} \times \frac{10}{7}$	01	
	2	01	02
03.	$x + 30^\circ + 110^\circ = 180^\circ$ $x = 40^\circ$	01	
		01	02
04.	$42 \times 2 = 84$ 0.084	01	
		01	02
05.	$\frac{1}{2} \times 12 \times 8$ $= 48\text{cm}^2$	01	
		01	02
06.	$2x = 8$ $x = 4$	01	
		01	02
07.	$\frac{2}{5} \times 100\%$ $\frac{2}{5} \times \frac{20}{20}$	01	
	40% 40%	01	02
08.	{E, R, O}		02
09.	$x + 30^\circ = 90^\circ$ $x = 60^\circ$	01	
		01	02
10.	$-12 + 8 = -4$ $\frac{-4}{-2} = 2$	01	
		01	02
11.	(i) $y + 90^\circ + 110^\circ + 100^\circ = 360^\circ$ (ii) $y = 60^\circ$	01	
		01	02
12.	$2^3 \times x^3$ $(2x)^3$	01	
		01	02
13.	$196 = 2 \times 7 \times 2 \times 7$ $\sqrt{196} = 2 \times 7 = 14$	01	
		01	02
14.	$3 + 1 = 4$ ගැනීමට $\frac{3}{4}$	01	
		01	02
15.	-27		02
16.	4kg 150g		02
17.	3a		02
18.	$\frac{1}{4}$		02
19.	(i) $\frac{6}{10}$ හෝ $\frac{3}{5}$ (ii) $\frac{60}{100} = 60\%$	01	
		01	02

20.	1 රවුම 2 රවුම 3 රවුම 	02	
		හෝ 0	
			40
II කොටස			
01.	(a) (i)  $x + y + z = 180^\circ$		03
	(ii)  $a + b + c + d = 360^\circ$		
	(ii) 		03
	(iii) $360^\circ = 2 \times 180^\circ$ $360^\circ = 360^\circ$		04
	(b) (i) $a = 60^\circ$ $b = 120^\circ$ $d = 40^\circ$ $c = 20^\circ$		01 01 01 01
	(ii) $x = 150^\circ$ $y = 30^\circ$		01 01
02.	(i) $P = \{0, 2, 3, 8\}$ $Q = \{1, 2, 5\}$ $R = \{ \}$		02 02 02
	(ii) $n(P) = 4$ $n(Q) = 3$		01 01
	(iii) Q		01
	5 Q		01
	(iv) අභිගුණය කුලකය		01
			16
			11

පිළිතුරු පත්‍රය

03.	(a) (i) 12×5 60m^2	01		(b) $4 \times x - 4 \times 3$ $4(x - 3)$	01				
		01			01				
		(ii) $BCE = \frac{60}{3} = 20\text{m}^2$			01		11		
		$\frac{1}{2} \times CE \times 5 = 20$			01				
		$CE = \frac{40}{5}$ $= 8\text{m}$			01				
	(iii) $60 + 20$ 80m^2	01			06.		(a) (i) $A : B : C$		
	(b)  $5 \times 5 = 25\text{cm}^2$ 25×6 150cm^2	01					$3 : 2$ $3 : 2$ $x3 \downarrow x2 \rightarrow$ <u><u>$9 : 6 : 4$</u></u>	01	
							(ii) $\frac{9}{19}$	02	
							(iii) $\frac{9500}{19} = 500$	01	
							$A - 500 \times 9 = 4500$	01	
				$B - 500 \times 6 = 3000$ $C - 500 \times 4 = 2000$	01				
		11	(b) සීනි : පිටි : මාගරින්						
			$200 : 500 : 100$	01					
			$2 : 5 : 1$	01	11				
04.	(a) (i) $\frac{7}{2}$ $3\frac{1}{2}$	01		07.	(a) (i) $\frac{2}{5} \times 100\%$ 40%	01			
		01				01			
		(ii) $\frac{15}{4} \times \frac{8}{3}$				01		(ii) $\frac{9}{4}$	01
	10	01		$\frac{9}{4} \times 100\%$	01				
	(iii) $\frac{3.2}{0.8} = 4$	02		225%	01				
	1	01		(b) (i) $\frac{2400}{12000} \times 100\%$	01				
	(b) $2\frac{4}{7} - 1\frac{2}{7}$	01		20%	01				
	$\frac{18}{7} - \frac{9}{7}$	01		(ii) $50000 \times \frac{20}{100}$	02				
	$\frac{18}{7} \times \frac{7}{9}$	01		රු. 10000/=	02				
	2m	01		11					
05	(a) (i) $4x + 50$	02					11		
		(ii) $2(4x + 50) + 4x = 400$						01	
	$8x + 100 + 4x = 400$	01							
	$12x = 300$	02							
	$x = 25$	01							
	(iii) $4 \times 25 + 50$	01							
	රු. 150	01							