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மேல் மாகாணக் கல்வித் திணைக்களம்
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ஆண்டிறுதி மதிப்பீடு - 2019
Year End Evaluation

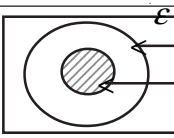
ශ්‍රේණිය } 09
தரம் }
Grade }

විෂයය }
பாடம் } Mathematics
Subject }

පත්‍රය }
வினாத்தாள் } I, II
Paper }

Answer Paper

Part I

(1)	$T_n = 2 \times 8 - 5$ $= 11$	1	2	(11)	10	1	2
(2)	$2 + 0 + 2 + 0$ 10_{ten}	1	2	(12)	$\frac{1}{2} \times 10 \times h = 25$ $h = 5\text{cm}$	1	2
(3)	$\hat{A}BC$ and $\hat{C}BD$	2		(13)			2
(4)	$(102.5 - 2.5)(102.5 + 2.5)$ 10500	1	2	(14)	$a(c - d) = bx$ $b = \frac{a(c - d)}{x}$	1	2
(5)	Rs. $\frac{100}{75} \times 900$ Rs. 1200	1	2	(15)	$y = \frac{2}{3}x - 1$	1	2
(6)	$y - 5 = 6$ $y = 11$	1	2	(16)	$P\hat{Q}S = R\hat{Q}S$		2
(7)	$\frac{2}{3} \times \frac{6}{7}$ $\frac{4}{7}$	1	2	(17)	$\frac{200}{25} \text{cm}$ 8cm	1	2
(8)	$90 - 35$ 55°	1	2	(18)	$180^\circ - 72^\circ$ 108°	1	2
(9)	$1.5 \times 1000\text{l}$ 1500l	1	2	(19)	$5x + 80 = 360^\circ$ $x = 56^\circ$	1	2
(10)	200.9	2		(20)	Perpendicular bisector of AB		2

Part II

(1)	(a) (i) Drawing the circle (ii) rectangle (iii) Area of the rectangle is equal to the area of the circle (iv) $A = \pi r^2$ (v) $\frac{22}{7} \times 7 \times 7 = 154\text{cm}^2$	1	1	1	2				
				(vi) (a) $\sqrt{196} = 14\text{cm}$ $\frac{14}{2} = 7\text{cm}$ (b) $196 - 154$ 42cm^2		2	1	1	1

