

HALF YEARLY EVALUATION 2010-2011

EVALUATION INDICATOR

Std. VIII

MATHEMATICS

Time : 2 hrs.
Score : 50

Qn. No.	Indicators	Score	Total Score
1.	a) $\angle P$	1	2
	b) $\Delta ABC \cong \Delta RQP$	1	
2.	a) 80 40 25 20 12.5	4 x ½	2
	b) 2.5 5 8 10 16		
3.	Area of I rectangle = $33 \times 1 = 33$	½	2
	Area of II rectangle = $11 \times 6 = 66$	½	
	Ratio of area = $33 : 66 = 1 : 2$	1	
4.	$3x + 5y$	2	2
5.	$6Pr - 8Ps + 15qr - 20qs$	2	2
6.	To drawline	½	3
	To find the point	½	
	To complete triangle	1	
	To draw bisector	1	
7.	a) $3/8$	½	3
	b) $5/8$	½	
	c) $5/3$	½	
	d) $3/5$	½	
	e) $5 : 3$	1	
8.	$2x - 5 = -2x + 5$	6 x ½	3
	$-(-4) = -2x - 2$		
	$-12/3 = 1/5x - 20$		
	$2/3x - 12 = 2x - 4$		
	$-2x - 3x - 4 = 24 \div -1$		
	$-1.5x + 4 = -3x + 2$		
9.	a) 1 b) -7	1 x 3	3
	c) $(x + y) - z = -2$		
	$x + (y - z) = -2$		
10.	78650	3	3
11.	a) $4x^2 - 12xy + 9y^2$	1½	3
	b) $\sqrt{169} \times 1 = 13 \text{ cm.}$	1½	

12	2. To write in the form $(a + b)^2$ To findout the value	1 2	3
13	a) 12% b) 10300 c) 10609	1x2 2	4
14	a) opposite angles b) Radii c) Alternat angles d) one side and two angles on it of a triangle....	1 1 1 2	5
15	3 : 5 : 6 Shiju 7500, Raju 12500, Gopu 15000, Total 35000	5 x 1	5
16	To draw PS Δ PQS; Δ PSR to prove	1 1 3	5