

**SAMPLE**  
**MATHEMATICS MARKING GUIDE**

<b>Bib Number</b>	
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Write the answer to each question in the boxes labelled below and on the reverse side of this page.

Q No	Answer	HPS	Q No	Answer	HPS
Q1a	$60\sqrt{2}$	1	Q10	3800 m	1
Q1b	$16\sqrt{17}$	1	Q11	833.33 gm	1
Q2	20 days	2	Q12	8676gm	1
Q3	Rs. 845	1	Q13	X = -1  Or  X = 4	2
Q4a	7/20	1			
Q4b	1/90	1	Q14	$\frac{a^2 b^2 (a^2 c + b)}{c^3}$	1
Q5	7/17	1	Q15a	1695.6 cm <sup>3</sup>	1
Q6	Rs. 950	1	Q15b	5 cm or 1/3 cup	1
Q7	Rs. 3006	1	Q16	192 cm <sup>3</sup>	1
Q8a	$(x - 4)(x + 5)$	1	Q17	15 cm	1
Q8b	X = - 2	1	Q18	5510.7 cm <sup>3</sup>	2
Q9	X = 2  Y = 1/2	2	Q19	4 men	2
<b>Total Col 1</b>			<b>Total Col 2</b>		

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Q No	Answer	HPS	Q No	Answer	HPS
Q20	BCD = $115^{\circ}$  ABD = $87^{\circ}$	2	Q28	Sin B = $3/5$  Cos B = $4/5$  Tan B = $3/4$	2
Q21	22	1	Q29a	6	1
Q22a	42.86 km/hr	1	Q29b	26	1
Q22b	77 km	1	Q30a	$2/5$	1
Q23	210 km	1	Q30b	$5/98$	1
Q24	A = 13,500  B = 31,500  C = 45,000	2	Q31a	$37.5^{\circ}$	1
Q25	Rs. 18750	2	Q31b	$112.5^{\circ}$	1
Q26	$1/8$	1	Q32	105.2	1
Q27	4.5 m	1	Q33	1	1
<b>Total Col 3</b>			<b>Total Col 4</b>		
<b>Grand Total</b>					

Marker's Name \_\_\_\_\_

Date: \_\_\_\_\_

Signature \_\_\_\_\_

Verifier's Name \_\_\_\_\_

Signature: \_\_\_\_\_