Mark Scheme Notes

g

Penalties

1 (i)

^{0}

(ii)

^{0} ^{0}

2 (i)

^{6}

(ii)

^{6}

(iii)

^{2} ^{2}

^{2} ^{2}

^{6}

^{2} ^{2}

^{6}

3 (i)

$^{-1}$

(ii)

$^{-2}$

4 (i)

(ii)

$^{-2}$

(iii)

5 (i)

(ii)

6 (i)

(ii)

(iii)

(Alternative for part (iii))

(ii)

(iii)

(Alternatively for parts ii and iii using v–t graph)

7 **(i)**

2

(ii) 1

$$\frac{1000 + s_2}{50 + t_2} = 27.5$$

2   2

2   2   2

2

2

(Alternative for part (ii))

2   3

1

2   2

1

MARK SCHEME for the October/November 2009 question paper

for the guidance of teachers

9709 MATHEMATICS

9709/42 Paper 42, maximum raw mark 50