Q	Marking instructions	AO	Marks	Typical solution
7(a)	Obtains $2e^{2x}$	1.1b	B1	$\frac{dy}{dx} = 2e^{2x}$
	Subtotal		**1**	

Q	Marking instructions	AO	Marks	Typical solution
7(b)	Substitutes $x = 0$ into their $\frac{dy}{dx}$ to obtain a value PI by $\frac{dy}{dx} = 2$, m = 2, which could be embedded in a straight-line equation	1.1a	M1	$x = 0,\ \frac{dy}{dx} = 2$ $y = 2x + 4$
	Uses 2 or their stated value of $\frac{dy}{dx}$ and the point (0, 4) to form an equation of a straight line.	1.1a	M1	
	Obtains $y = 2x + 4$ ACF	1.1b	A1	
	Subtotal		**3**	

	Question 7 Total		**4**	