Question	Scheme	Marks	AOs
1(a)	$y = x^3 - 7x^2 + 5x + 4 \Rightarrow \dfrac{dy}{dx} = 3x^2 - 14x + 5$	M1 A1	1.1b 1.1b
		(2)	
(b)	$x = 2 \Rightarrow \dfrac{dy}{dx} = 3(2)^2 - 14(2) + 5 = -11$	M1	1.1b
	$y + 6 = -11(x - 2)$	M1	1.1b
	$y = -11x + 16$	A1	1.1b
		(3)	
			(5 marks)

Notes

(a)

M1: $x^n \rightarrow x^{n-1}$ at least once

A1: Correct derivative

(b)

M1: Attempts the gradient at P

M1: Complete method for the equation of the tangent using their gradient at P and $(2, -6)$

A1: Correct equation