A cu	arve is such that $\frac{dy}{dx} = -x^2 + 5x - 4$ .
(i)	Find the <i>x</i> -coordinate of each of the stationary points of the curve. [2
(ii)	Obtain an expression for $\frac{d^2y}{dx^2}$ and hence or otherwise find the nature of each of the stationary
	points. [3

(iii)	Given that the curve passes through the point (6, 2), find the equation of the curve.	[4]
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