5

$$y = e^{2x}\left(x^2 - 5x\right)$$

Show that $2e^{2x} = \dfrac{d^2 y}{dx^2} - 4\dfrac{dy}{dx} + 4y$

(7)

$$y = e^{2x}\left(x^2 - 5x\right)$$

P 7 6 5 0 8 A 0 1 0 3 2

Question 5 continued

(Total for Question 5 is 7 marks)