Question 1 (6 marks		
Consider the derivative function $f'(x) = xe^{x^2}$ .		
(a)	Determine $f''(1)$ .	(2 marks)
(b)	Explain the meaning of your answer to part (a).	(1 mark)
(c)	Determine the expression for $y = f(x)$ , given that it intersects the y-axis at the p	
		(3 marks)