ERRATA

Title　　　: Praktis Strategi Matematik Tambahan Tingkatan 5
Book Code　: MC135131
Author　　 : Chew Su Lian

Page number and section	Error	Correction
pg 31 **K** no.1(a)	**1.** (a) $\quad y = 3(2 - x^3)^4$ $\frac{dy}{dx} = 3(4)(2 - x^3)^3(-3x^2)$ $\quad = -36x^2(2 - x^3)^3$ $\frac{d^2y}{dx^2} = -36x^2[(3)(2 - x^3)^2(-3x^2)] + (2 - x^3)^3(-72x)$ $\quad = (2 - x^3)^2[(324x^4) + (-72x)(2 - x^3)]$ $\quad = (2 - x^3)^2(252x^4 - 144x)$	**1.** (a) $\quad y = 3(2 - x^3)^4$ $\frac{dy}{dx} = 3(4)(2 - x^3)^3(-3x^2)$ $\quad = -36x^2(2 - x^3)^3$ $\frac{d^2y}{dx^2} = -36x^2[(3)(2 - x^3)^2(-3x^2)] + (2 - x^3)^3(-72x)$ $\quad = (2 - x^3)^2[(324x^4) + (-72x)(2 - x^3)]$ $\quad = (2 - x^3)^2(396x^4 - 144x)$
pg 31 **K** no.1(b)	**1.** (b) $\quad y = (2x - 3)(x^2 - 4)^3$ $\frac{dy}{dx} = (2x - 3)[(3)(x^2 - 4)^2(2x)] - (x^2 - 4)^3(2)$ $\quad = 2(x^2 - 4)^2[3x(2x - 3) - (x^2 - 4)]$ $\quad = 2(x^2 - 4)^2(5x^2 - 9x + 4)$	**1.** (b) $\quad y = (2x - 3)(x^2 - 4)^3$ $\frac{dy}{dx} = (2x - 3)[(3)(x^2 - 4)^2(2x)] + (x^2 - 4)^3(2)$ $\quad = 2(x^2 - 4)^2[3x(2x - 3) + (x^2 - 4)]$ $\quad = 2(x^2 - 4)^2(7x^2 - 9x - 4)$ $\frac{d^2y}{dx^2} = 2(x^2 - 4)^2(14x - 9) + (7x^2 - 9x - 4)[4(x^2 - 4)(2x)]$ $\quad = 2(x^2 - 4)[(x^2 - 4)(14x - 9) + (4x)(7x^2 - 9x - 4)]$ $\quad = 2(x^2 - 4)[(14x^3 - 9x^2 - 56x + 36) + (28x^3 - 36x^2 - 16x)]$ $\quad = 2(x^2 - 4)(42x^3 - 45x^2 - 72x + 36)$ $\quad = 6(x^2 - 4)(14x^3 - 15x^2 - 24x + 12)$