

18. (a) Find the maximum value of the function  $f(x) = 2x^3 - 3x^2 - 12x + 5$  on the interval  $[0, 3]$ . (100)
- (b) Find the minimum value of the function  $f(x) = 2x^3 - 3x^2 - 12x + 5$  on the interval  $[0, 3]$ . (100)
- (c) Find the maximum value of the function  $f(x) = 2x^3 - 3x^2 - 12x + 5$  on the interval  $[0, 3]$ . (100)
- (d) Find the minimum value of the function  $f(x) = 2x^3 - 3x^2 - 12x + 5$  on the interval  $[0, 3]$ . (100)
19. (a) Find the maximum value of the function  $f(x) = 2x^3 - 3x^2 - 12x + 5$  on the interval  $[0, 3]$ . (100)
- (b) Find the minimum value of the function  $f(x) = 2x^3 - 3x^2 - 12x + 5$  on the interval  $[0, 3]$ . (100)
- (c) Find the maximum value of the function  $f(x) = 2x^3 - 3x^2 - 12x + 5$  on the interval  $[0, 3]$ . (100)
- (d) Find the minimum value of the function  $f(x) = 2x^3 - 3x^2 - 12x + 5$  on the interval  $[0, 3]$ . (100)

# Ocr Additional Maths Fsmq June 2013 Paper

**Ying-Ying Zheng**



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