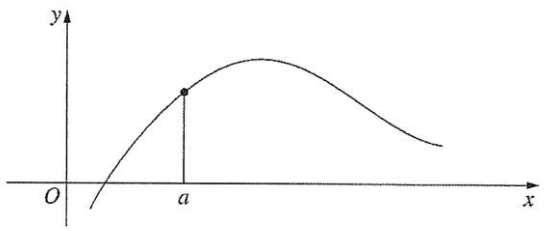
12	**4**	The diagram shows the graph of $y = f(x)$. Which of the following statements is true? (A) $f'(a) > 0$ and $f''(a) < 0$ (B) $f'(a) > 0$ and $f''(a) > 0$ (C) $f'(a) < 0$ and $f''(a) < 0$ (D) $f'(a) < 0$ and $f''(a) > 0$ 	**1**

A

State Mean: **0.70**

At $x = a$, curve is *increasing* and *concave down*.

$\therefore$ $f'(a) > 0$ and $f''(a) < 0$