

3 The function f is defined by

$$f(x) = e^x \quad \text{for } x \in \mathbb{R}$$

Identify which one of the following statements describes the function f

Tick (✓) **one** box.

Decreasing and concave

☐

Decreasing and convex

☐

Increasing and concave

☐

Increasing and convex

☐

[1 mark]