

**Question 46**

2848

What is the solution of  $5^x = 4$ ?

a)  $x = \frac{\log_e 4}{5}$

b)  $x = \frac{4}{\log_e 5}$

c)  $x = \frac{\log_e 4}{\log_e 5}$

d)  $x = \log \frac{4}{5}$