

Method 2

$$\frac{150^{500}}{149^{501}} = \frac{150^{250} \times 150^{250}}{149^{250} \times 149^{251}} = \left(\frac{150^{250}}{149^{250}} \right) \times \left(\frac{150^{250}}{149^{251}} \right)$$

$$= 0.19 \text{ (to 2 decimal places)}$$

Answer (D)