

3

C is the correct answer

(1)

A is not the correct answer, as angular velocity has units $(\text{rad}) \text{ s}^{-1}$

B is not the correct answer, as frequency has units $\text{Hz} = \text{s}^{-1}$

D is not the correct answer, as rate of decay has units $\text{Bq} = \text{s}^{-1}$