

Question- Decomposition of X exhibits a rate constant of  $0.05 \mu\text{g}/\text{year}$ .

How many years are required for the decomposition of  $5 \mu\text{g}$  of X into  $2.5 \mu\text{g}$ ?

<1> 50

<2> 25

<3> 20

<4> 40

Answer- <1>

(12 Jan Morning JEE MAINS  
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