ARD OF STEDIES 5000 200 N= Noeut a) N=Noeht 5000 = No2 48K 5000 = 18 ebok 2500 = 9 e con log (2000) = 60 h k= 1 x log (2000) = 0.040728291 6) 78 (M)= 1 ii) $P(in \text{ order}) = \frac{1}{5} \times \frac{1}{5} \times \frac{1}{5} \times \frac{1}{5} \times \frac{1}{5} = \frac{1}{3125}$ c) i) $\gamma = f(t)$ dy = f"(t)