$$k = mg = K = 0, z. 9, 81$$
 $k = mg = K = 0, z. 9, 81$ 
 $K = 9, 81 \frac{V}{m}$ 

b) 
$$E_0 = \frac{k \times k^2}{2} = \frac{9.81.(0.05)^2}{2} = 0.012267$$

$$E_0 = 1.23.10^2 5$$

$$An = A_0 e^{-n\gamma t}$$

$$\frac{1}{5}A_0 = A_0 e^{-s\gamma t}$$

$$0 (1) = 3xt$$

$$w_0 = \sqrt{\frac{\kappa}{m}}$$

$$\omega = \sqrt{(7,00)^2 - (0,358)^2}$$

C-) 
$$X(A) = A e^{-\delta t} Aen (we + 0)$$
 $X(0) = A Aen (0)$ 
 $A = 0.05 = 0.05 = 5.01.10^{2} m$ 
 $A = 0.05 = 0.05 = 0.05 = 5.01.10^{2} m$ 
 $A = 0.05 = 0$ 

$$X(t) = 5.01 \cdot 10^{-2} e^{-0.358t}$$
 Nen(6.99t + 1.52)

$$E_{1} = E_{0} e^{2\pi i \hbar}$$

$$E_{2} = E_{0} e^{2\pi i (2) \cdot c_{1} \cdot 358 \cdot 0_{1}} \cdot 0_{1} \cdot 0_{2}$$

$$E_{2} = I_{1} \cdot 23 \cdot 10^{-2} \cdot e^{-1_{1} \cdot 288}$$

$$E_{2} = I_{1} \cdot 23 \cdot 10^{-2} \cdot 2 \cdot 76 \cdot 10^{-1}$$

$$E_{2} = 3_{1} \cdot 39 \cdot 10^{-3} \cdot 5$$

Ra: 19.02466-5