Ex3 Solve Y" + 3y + 2y = 4x2 $\begin{array}{c|c} D^2 & Z = 0 \end{array} \qquad \begin{array}{c} D^2 - Z \times D + (\lambda^2 + \beta^2) \end{array} \begin{array}{c} D^2 & Z \times D \end{array}$ 9(x) m 2 + 3 m + 2 = 0 Unboxed part of Y is cadidalak X" 1/c = C, ex + C2 e-2x 14p= A+Bx+Cx2 -- (3) 1354PD3(D2+3D+2)y=0 0,0,0 1 = 4 + Bx + Cx + E & + E & + E & + E & = 5x