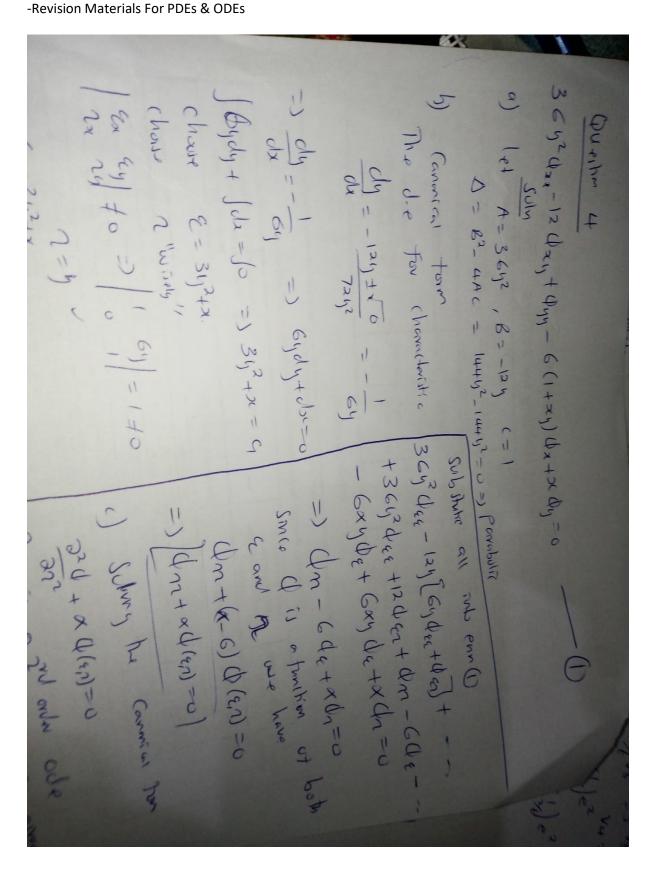
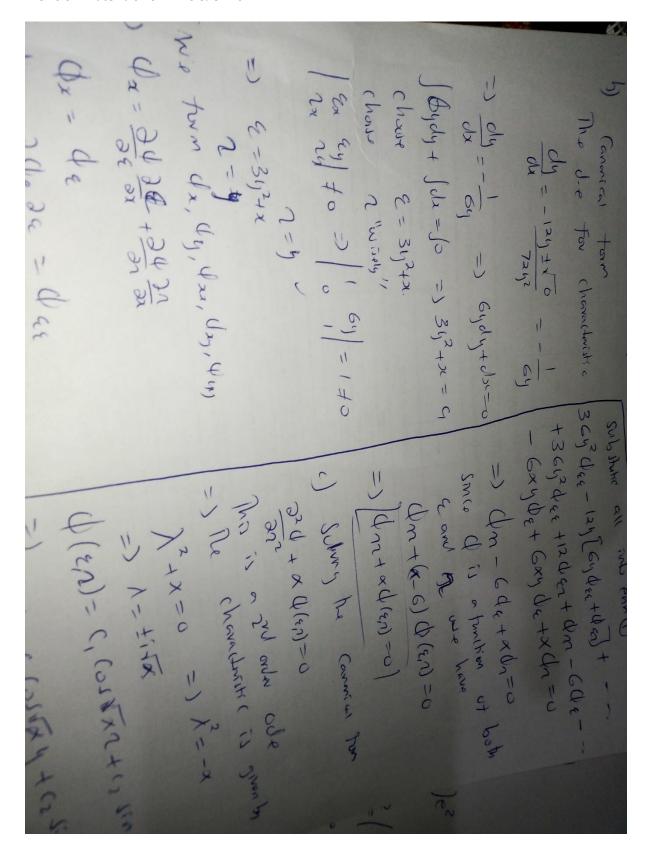


3 
$$C y^{2} d_{x_{1}} - 12 d_{x_{1}} + d_{yy} - 6 (1+x_{1}) d_{x} + x d_{y} = 0$$

3  $C y^{2} d_{x_{1}} - 12 d_{x_{1}} + d_{yy} - 6 (1+x_{1}) d_{x} + x d_{y} = 0$ 

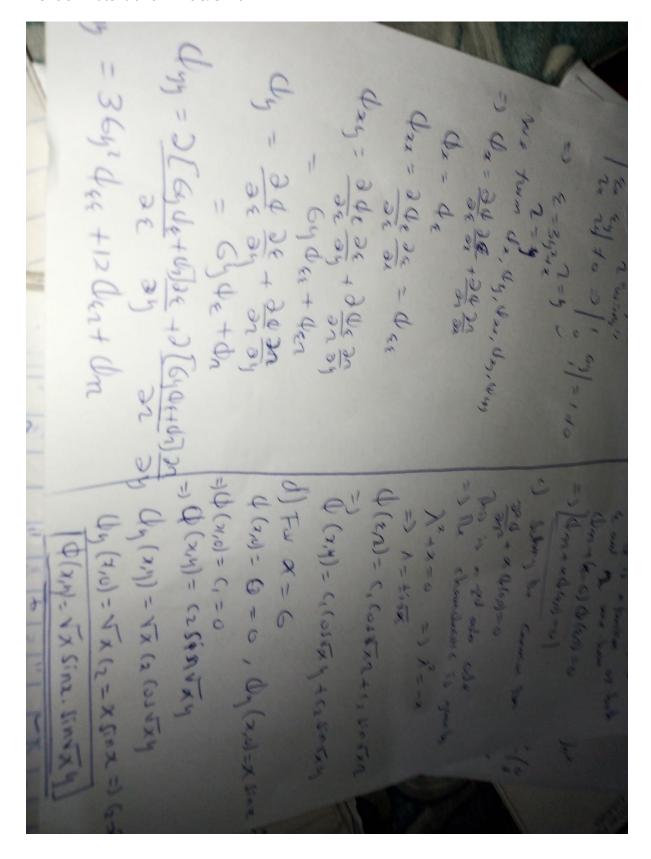
4  $C = x^{2} + x + c = |x_{x_{1}}|^{2} - 12 + y | |x_{1}|^{2} - 12 + y | |x_{1}|^{2} + y | |x_{1}|^{2$ 

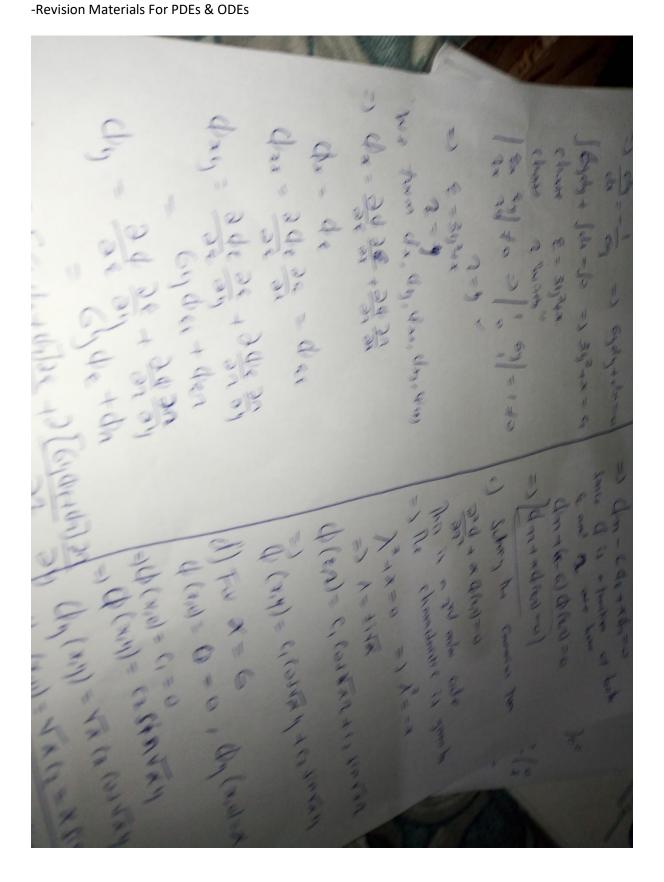


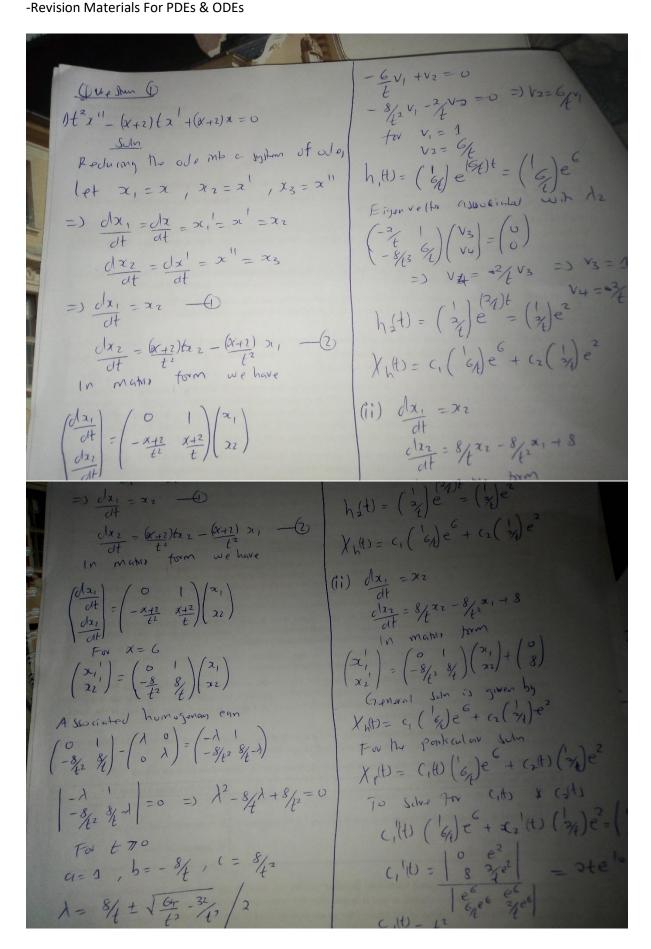


Disclaimer: NOTE: \*\*\*These materials are ONLY for revision purposes and does not in any way

violate Fiverr Terms of Service\*\*\*
-Revision Materials For PDEs & ODEs





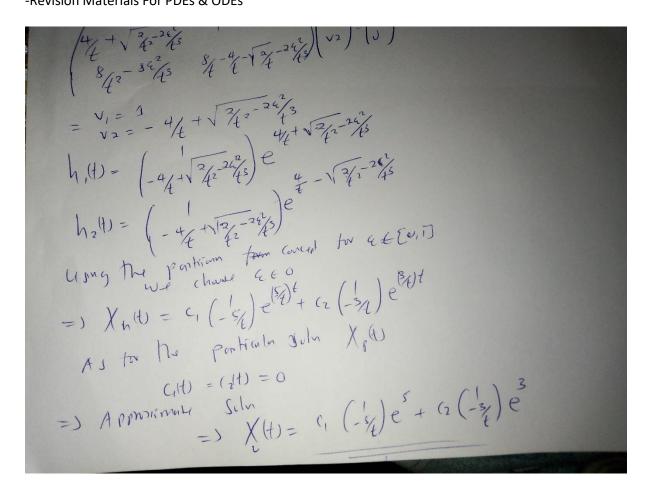


b) 
$$\frac{dx_1}{dt} = \frac{8}{4} 22 - \frac{8}{4} 2 \left(1 - \frac{6^2}{4}\right) x_1 + 86$$

The homogenous part of enn

 $\left(\frac{x_1}{x_2}\right) = \left(\frac{6}{4} - \frac{86^2}{t^2} - \frac{8}{4}\right) \left(\frac{x_1}{x_2}\right)$ 
 $\left(\frac{x_1}{x_2}\right) = \left(\frac{6}{4} - \frac{8}{4}\right) + \frac{8}{4} \left(\frac{2}{4} - \frac{8}{4}\right) \left(\frac{x_1}{x_2}\right)$ 
 $\left(\frac{x_1}{x_2}\right) = \left(\frac{6}{4} - \frac{8}{4}\right) + \frac{8}{4} \left(\frac{2}{4} - \frac{8}{4}\right) + \frac{8}{4} \left(\frac{2}{4} - \frac{8}{4}\right)$ 
 $\left(\frac{x_1}{x_2}\right) = \left(\frac{6}{4} - \frac{8}{4}\right) + \frac{8}{4} \left(\frac{2}{4} - \frac{8}{4}\right) + \frac{8}{4} \left(\frac{2}{4} - \frac{8}{4}\right)$ 
 $\left(\frac{x_1}{x_2}\right) = \left(\frac{6}{4} - \frac{8}{4}\right) + \frac{8}{4} \left(\frac{2}{4} - \frac{8}{4}\right)$ 
 $\left(\frac{x_1}{x_2}\right) = \left(\frac{6}{4} - \frac{8}{4}\right) + \frac{8}{4} \left(\frac{2}{4} - \frac{8}{4}\right)$ 
 $\left(\frac{x_1}{x_2}\right) = \left(\frac{6}{4} - \frac{8}{4}\right) + \frac{8}{4} \left(\frac{2}{4} - \frac{8}{4}\right)$ 
 $\left(\frac{x_1}{x_2}\right) = \left(\frac{6}{4} - \frac{8}{4}\right) + \frac{8}{4} \left(\frac{2}{4} - \frac{8}{4}\right)$ 
 $\left(\frac{x_1}{x_2}\right) = \left(\frac{6}{4} - \frac{8}{4}\right) + \frac{8}{4} \left(\frac{2}{4} - \frac{8}{4}\right)$ 
 $\left(\frac{x_1}{x_2}\right) = \left(\frac{6}{4} - \frac{8}{4}\right) + \frac{8}{4} \left(\frac{2}{4} - \frac{8}{4}\right)$ 
 $\left(\frac{x_1}{x_2}\right) = \left(\frac{6}{4} - \frac{8}{4}\right) + \frac{8}{4} \left(\frac{2}{4} - \frac{8}{4}\right)$ 
 $\left(\frac{x_1}{x_2}\right) = \left(\frac{6}{4} - \frac{8}{4}\right) + \frac{8}{4} \left(\frac{2}{4} - \frac{8}{4}\right)$ 
 $\left(\frac{x_1}{x_2}\right) = \left(\frac{6}{4} - \frac{8}{4}\right) + \frac{8}{4} \left(\frac{2}{4} - \frac{8}{4}\right)$ 
 $\left(\frac{x_1}{x_2}\right) = \frac{8}{4} \left(\frac{x_1}{x_2}\right)$ 
 $\left(\frac{x_1}{x$ 

Disclaimer: NOTE: \*\*\*These materials are ONLY for revision purposes and does not in any way violate Fiverr Terms of Service\*\*\*
-Revision Materials For PDEs & ODEs



3 
$$C y^{2} d_{x_{1}} - 12 d_{x_{1}} + d_{yy} - 6 (1+x_{1}) d_{x} + x d_{y} = 0$$

3  $C y^{2} d_{x_{1}} - 12 d_{x_{1}} + d_{yy} - 6 (1+x_{1}) d_{x} + x d_{y} = 0$ 

4  $C = x^{2} + x + c = |x_{x_{1}}|^{2} - 12 + y | |x_{1}|^{2} - 12 + y | |x_{1}|^{2} + y | |x_{1}|^{2$