

King Fahd University Of Petroleum and Minerals  
College of Sciences  
Mathematics and Statistics Department  
Math 260-04  
Quiz#3

Name:..... ID#:..... Serial#:.....

Find a particular solution of the following differential equations:

1.  $y'' - 3y' = 8e^{3x} + 4 \sin x$

2.  $4y'' + 36y = \csc 3x$