King Fahd University of Petroleum and Minerals
Department of Mathematics and Statistics
Math 260 (111) - Quiz II

Name: _____ ID: _____ Serial No.: _____

1. Find the general solution of

$$y'' - 3y' + 2y = 3e^{-x} - 10\cos(3x)$$

2. Find a particular solution of the equation $y'' + 9y = 2\sec(3x)$