

ING FAHD UNIVERSITY OF PETROLEUM AND MINERALS
DEPARTMENT OF MATHEMATICAL SCIENCES
MATH 260-04
Quiz # 4
January 8, 2007

NAME:

ID#:

SHOW ALL YOUR WORK

Find a particular solution for each of the following differential equations

1. (6points) $y'' + 2y' - 3y = 2 + e^x$.
2. (4points) $y'' + y = \tan x$.