## KFUPM/ Department of Mathematics & Statistics/ 163/ MATH 202-02/ Quiz 2

Name: ID #: Serial #:

1. Use reduction of order to find a 2nd solution  $y_2$  of y'' - 9y = 0 given that  $y_1 = e^{3x}$  is a solution.

2. Solve the DE y'' + y' - 12y = 0.