Attendance Quiz # 10 for Dr. Z.'s Calc4 for Lecture 10

NAME: (print!) _____ **Section:** _____

E-MAIL ADDRESS: (print!) _____

1. Find the general solution to the following diff.eq.

$y''(t) - 4y'(t) + 13y(t) = 0$

2. Solve the following the initial value problem and state the nature of the oscillation (growing, steady, or decaying).

$$y''(t) + y(t) = 0, \quad , \quad y(0) = 0 \quad , \quad y'(0) = 1 \quad .$$