Semester – Spring 2019

Calculus-II

Assignment – 6
Marks: 10

Question # 1:

Solve the following Nonhomogeneous Differential equation using the Basic rule:

$$y'' - 2y' - 3y = e^{2t}$$

Question # 2:

Solve the following Nonhomogeneous Differential equation using the Sum rule:

$$3y'' + 27y = 3\cos x + \cos 3x$$

Good Luck