



ISRA UNIVERSITY

Islamabad Campus

Program: BSc
Semester – Spring 2019

MTCA-183
Calculus-II

Quiz – 1
Marks: 10

Handout Date: 07/05/2019

Question # 1:

Verify by substitution that $y_1 = e^{4x}$ and $y_2 = e^{2x}$ are solution of the ODE $y'' - 6y' + 8y = 0$, solve for the initial value problem $y(0) = 3$ and $y'(0) = 2$.

Solution:

Good Luck