



ISRA UNIVERSITY

Islamabad Campus

**Program: BSc
Semester – Spring 2019**

**MTCA-183
Calculus-II**

**Quiz – 1
Marks: 10**

Handout Date: 19/03/2019

Question # 1:

Find the general solution of the following equation using method of exact differential equations:

$$(6x^2 - y + 3)dx + (3y^2 - x - 2)dy = 0$$

Solution:

Good Luck