



**ISRA UNIVERSITY**

Islamabad Campus

**Semester – Spring 2019**

**Calculus-II**

**Assignment – 5**

**Marks: 20**

**Due Date: 11/06/2019**

**Handout Date: 24/05/2019**

Question # 1:

Solve the following equation:

$$xy'' + 2y' = 0$$

Question # 2:

Solve the Initial Value Problem:

$$x^2y'' + xy' + 9y = 0, y(1) = 0, y'(1) = 2.5$$

**Good Luck**