CSE 316 (Peripheral and Interfacing Lab)

Quiz – 1 (Set B)

Time: 15 minutes   **Marks: 15**

1. Write True(T) or False(F) in the box on the right side: **5**

The value returned by millis() function represents time in miliseconds unit	
Servo motor can rotate up to 180 degrees.	
LED fading is done using digitalWrite() function	
There are 13 digital I/O pins in the Arduino Uno board	
The LCD display demonstrated in the lab can display up to 32 ASCII characters	

2. Fill in the gaps: **5**

    a. The library required to operate an LCD display is _____.

    b. Arduino has _____ analog output pins.

    c. Arduino can supply DC voltage in the range _____.

    d. Some digital I/O pins can provide analog data transfer using Pulse _____ Modulation.

    e. Arduino programming uses _____ as programming language.

3. Write a sketch to fade an LED in the range of 45-135 using functions: **5**