CSE 316 (Peripheral and Interfacing Lab)

Quiz – 1 (Set A)

Time: 15 minutes **Marks: 15**

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

The library required to operate a servo motor is Servo.h	
Arduino has 6 analog input pins	
LED fading is done using analogWrite() function	
Some digital I/O pins can provide analog data transfer using Pulse Code Modulation	
The LCD display demonstrated in the lab can display up to 31 ASCII characters	

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

    a. Arduino programming uses _____ as programming language.
    b. Servo motor can rotate up to _____ degrees.
    c. The number of ground pins available in an Arduino is _____.
    d. There are _____ digital I/O pins in the Arduino Uno board.
    e. The argument of the delay() function represents time in _____ unit.

3. Write a sketch to rotate a servo motor in the range of 45^0-135^0 using functions **5**