

# 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**

Arduino programming uses python as programming language.	
Servo motor can rotate up to 360 degrees.	
LED fading is done using analogWrite() function	
There are 14 digital I/O pins in the Arduino Uno board	
The LCD display demonstrated in the lab can display up to 31 ASCII characters	

**2. Fill in the gaps:**

**5**

- The library required to operate a servo motor is \_\_\_\_\_.
- Arduino has \_\_\_\_\_ analog input pins.
- The number of ground pins available in an Arduino is \_\_\_\_\_.
- Some digital I/O pins can provide analog data transfer using Pulse \_\_\_\_\_ Modulation.
- The argument of the delay() function represents time in \_\_\_\_\_ unit.

**3. Write a sketch to rotate a servo motor in the range of 45<sup>0</sup>-135<sup>0</sup>**

**5**