

CSE 316 (Peripheral and Interfacing Lab)

Quiz – 2 (Set Beta)

Time: 15 minutes

Marks: 15

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

5

Sonar can work under water	
In 4-seven segment display all displays cannot be user simultaneously	
Ultrasonic sensor gives us the distance of an object directly	
Arduino USB port provides power only	
The file path provided to proteus contains a .hex file	

2. Fill in the gaps:

5

- Low is used to select a display in Common _____ 7-segment display.
- Ultrasonic sensor can measure minimum _____ micrometres.
- The burst that initiates the sound emission in ultrasonic sensor is _____ milliseconds long.
- The servo motor can rotate upto _____ degrees.
- Arduino board contains _____ digital I/O pins.

3. How can we display all four displays in a 4-seven segment display simultaneously? Describe mathematically. 5