**PRACTICAL QUESTION OF MICROPROCESSOR & MICROCONTROLLER**

**Question 1.** Write a Program of calculator in Assembly Language by using Intel 8086 Emulator.

**Answer** Addition, Multiplication, Subtraction & Division should be calculated by calc.

**Question 2.** Write a keypad Program in Assembly language by using PIC 16A .

**Answer** LCD will show keypad output

**Question 3.** Install Proteus in Windows 10 PC with all library file.

**Answer** Every component to be show in Liby

**Question 4.** Explain every component of ARDUINO Board.

**Answer** Every component Explanation should be know.

**Question 5.** Write program in ARDUINO for Traffic Light.

**Answer** Traffic light should be glow as per program.

**Question 6.** Write program in ARDUINO for Multiple LED blinking.

**Answer** More than one LED should be glow.

**Question 7.** Write program in ARDUINO for LDR & LCD.

**Answer** LDR temp show in LCD.

**Question 8.** Write program in ARDUINO for PIR Sensor.

**Answer** Human body temp & motion should be detect.

**Question 9.** Write program in ARDUINO for IR Sensor.

**Answer.** Motion should be detect by IR Sensor & Led or Speaker give notification of motion.

**Question 10.** Write program in ARDUINO for Servo Motor.

**Answer** Servo motor should be move according to program.

**Question 11.** Connect LCD & LDR in ADRUINO with the help of Jumper.

**Answer** Connection of every component.

**Question 12.** Explain every component of PIR sensor.

**Question 13.** Identification of Microprocessor(Size, Bit & Speed).

**Question 14.** Pin description of 8085 Microprocessor.