

## UNIT-III

### Interfacing and Communication

#### Multiple Choice Questions

1. LCD stands for

- a) Light Crystal Display
- b) Liquid Crystal Display
- c) Liquid Current Display
- d) Light Control Display

Answer: b) Liquid Crystal Display

2. ADC converts

- a) Digital to Analog
- b) Analog to Digital
- c) Binary to Decimal
- d) Decimal to Binary

Answer: b) Analog to Digital

3. SPI stands for

- a) Serial Peripheral Interface
- b) System Peripheral Interface
- c) Serial Processor Interface
- d) System Processor Interface

Answer: a) Serial Peripheral Interface

4. I<sup>2</sup>C uses how many communication lines?

- a) 1
- b) 2
- c) 4
- d) 8

Answer: b) 2

5. UART stands for

- a) Universal Asynchronous Receiver Transmitter
- b) Universal Automatic Receiver Transmitter

- c) Unified Asynchronous Receiver Transmitter
- d) Unified Automatic Receiver Transmitter

Answer: a) Universal Asynchronous Receiver Transmitter

## Fill in the Blanks

1. ADC converts Analog signals into digital form.
2. DAC converts Digital signals into analog form.
3. I<sup>2</sup>C uses SDA and SCL lines.
4. SPI is a synchronous communication protocol.
5. RS-232 is a serial communication standard.
6. USB stands for Universal Serial Bus.