**UNIT-I**

Q.1 What are the different classifications of embedded system?

Q.2 Explain some Application specific ICs used in embedded system.

**UNIT II**

Q.1 What are the different characteristics of Stepper motors?

Q.2 Explain servo motors with suitable diagram?

**UNIT III**

Q.1 Classify the different types of robots?

Q.2 How Trajectory planning is done? Explain with example.

**UNIT IV**

Q.1 Explain the architecture of PICF877 with suitable diagram.

Q.2 Explain the architecture of AVR?

**UNIT V**

Q.1 How PIC interface with LED and LCD. Explain in detail?

Q.2 How ADC and DAC is done in PIC?