



( 2 )

**Unit-II**

2. Explain laws of Boolean Algebra (any four). 10

**OR**

Explain Sum of Product (SOP) for logic function with examples.

**Unit-III**

3. Explain DTL logic. Write its characteristics. 10

**OR**

Explain JK flip-flop.

**Unit-IV**

4. Explain Synchronous Counter. 10

**OR**

Explain D/A converter.

**Unit-V**

5. Write short notes on Memories. 10

**OR**

Draw block diagram of a 8085 microprocessor. Explain it.