## <u>Unit:-2</u>

- 1. Construct a DFA for regular expression (((01+10)\*11)00)\*.
- 2. What is regular expression? Write the identity rules for regular expression?
- 3. Write the closure properties of regular languages?
- 4. State and explain pumping lemma for the regular languages with an example?
- 5. Obtain the regular expression for the following FA

