

Unit:-5

1. Define Turing Machine? Explain about the Model of Turing Machine?
2. Construct a Turing Machine for language $L = \{ ww^R \mid w \in \{0, 1\}^* \}$.
3. Construct a Turing Machine for language $L = \{ 0^n 1^n 2^n \mid n \geq 1 \}$.
4. Discuss the variants of Turing machines
5. Discuss in brief about church hypothesis?
6. Explain about Universal Turing Machine?