**Mandsaur University mandsaur**

Department of Computer Science and Engineering

Compiler Design Assignment - CSE V Semester

Unit I

1. Make an NFA for the regular expression (a|b)\*abb and convert it intoan equivalentDFA.
2. Describe the major data structures used in a compiler and their roles.
3. Explain in brief
4. The role of the lexical analyzer.
5. Lexeme, Token & Pattern.
6. How are tokens specified and recognized in lexical analysis?
7. What is bootstrapping in compiler design? Provide an example.