

VIVA-VOCE QUESTIONS:

Ques 1. What is Lex?

Ans 1. Lex is a tool used to generate lexical analyzers (scanners) for parsing text input.

Ques 2. What is a Lex rule pattern?

Ans 2. A Lex rule pattern is a regular expression that describes the text to be matched in the input..

Ques 3. How do you specify the action to be taken when a Lex pattern is matched?

Ans 3. Actions in Lex are written in C code enclosed in curly braces ‘{ }’ and placed after the pattern.

Ques 4. What does the double percentage symbols (%%) signify in a Lex program?

Ans 4. The double percentage symbols (%%) in a Lex program separate the lexical rules from the actions.

Ques 5. How can you compile and execute a Lex program?

Ans 5. Use lex to generate a C source file, then compile it using a C compiler (e.g., gcc) binary. and execute the resulting