

Question 1: NFA is easy to implement as compared to DFA.

- FALSE
- TRUE

Question 2: AST summarizes the grammatical structure with the details of derivations.

- TRUE
- FALSE

Question 3: The non-terminal \_\_\_\_\_ is left recursive.

- None of the given
- E
- A
- B

Question 4: Left factoring is enough to make a grammar LL(1).

- TRUE
- FALSE

Question 5: Lexer and scanner are two different phases of compiler

- FALSE
- TRUE

Question 6: \_\_\_\_\_ of a two-pass compiler is consists of Instruction selection, Register allocation and **Instruction scheduling**.

- Start
- None of given
- Front end
- Back end

Question 7: In LL1() parsing algorithm \_\_\_\_\_ contains a sequence of grammar symbols.

- Array
- None
- Link list
- Stack

Question 8: Compilers are sometimes classified as.