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## Compiler Design MCQ Quiz

### Take Compiler Design Quiz To test your Knowledge

Below are few **Compiler Design MCQ** test that checks your basic knowledge of Compiler Design. This **Compiler Design Test** contains around 20 questions of multiple choice with 4 options. You have to select the right answer to a question. You can see the correct answer by clicking view answer link.

#### Q1. A optimizing compiler

- A. Is optimized to take less time for execution
- **B. Optimized the code**
- C. Is optimized to occupy less space
- D. None of the mentioned

#### Q2. Which of the following actions an operator precedence parser may take to recover from an error?

- A. Delete symbols from the stack
- B. Insert symbols onto the stack
- C. Inserting or deleting symbols from the input
- **D. All of the mentioned**

#### Q3. Shift reduce parsers are

- **A. Bottom up parser**
- B. Top down parser
- C. Top down parser Maybe both
- D. None of the mentioned

#### Q4. Which of the following is used for grouping of characters into tokens?

- A. Parser
- **B. Code generator**

- **C. Lexical analyser**
- D. Code generator

**Q5. In a compiler, keywords of a language are recognized during -**

- A. the code generation
- B. parsing of the program
- **C. the lexical analysis of the program**
- D. dataflow analysis

**Q6. Compiler translates the source code to**

- A. Machine code
- B. Binary code
- C. Executable code
- **D. Both 1 and 2**

**Q7. What is the output of lexical analyzer?**

- **A. A list of tokens**
- B. Intermediate code
- C. A parse tree
- D. Machine code

**Q8. How many parts of compiler are there?**

- A. 8
- **B. 4**
- C. 2
- D. 1

**Q9. ....is a process of finding a parse tree for a string of tokens.**

- A. Analysing
- B. Recognizing
- C. Tokenizing
- **D. Parsing**

**Q10. Compiler can check \_\_\_\_\_ error.**

- **A. Syntax**
- B. Content
- C. Logical
- D. Both A and B

**Q11. ....is the most general phase structured grammar.**

- A. Regular
- B. Context free
- **C. Context sensitive**
- D. All of these

**Q12. A \_\_\_\_\_ is a software utility that translates code written in higher language into a low level language.**

- A. Text editor
- **B. Compiler**
- C. Converter
- D. Code optimizer

**Q13. The graph that shows basic blocks and their successor relationship is called**

- **A. Flow graph**
- B. control graph
- C. Hamiltonion graph
- D. DAG

**Q14. When a computer is first turned on or resrarted, a special type of absolute loader is executed called**

- **A. Boot strap loader**
- B. " Compile and GO " loader
- C. Relating loader
- D. Boot loader

**Q15. When a computer is first turned on or resrarted, a special type of absolute loader is executed called**

- **A. Boot strap loader**
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**Q16. A self-relocating program is one which**

- A. consists of a program and relevant information for its relocation
- B. cannot be made to execute in any area of storage other than the one designated for it at the time of its coding or translation
- **C. can itself perform the relocation of its address sensitive portions**
- D. all of these

**Q17. Scissoring enables -**

- A. entire data to be displayed
- B. full data display on full area of screen
- **C. a part of data to be displayed**
- D. no data to be displayed

**Q18. which is the permanent data base in the geneal model of Compiler ?**

- A. identifier table
- B. literal table
- C. terminal table
- **D. source code**

**Q19. which of the following parsers is the most powerful ?**

- A. Operator - precedence
- B. LALR
- C. SLR
- **D. Canonical LR**

**Q20. What is the output of lexical analyzer?**

- **A. A list of tokens**
- B. A parse tree
- C. Intermediate code
- D. Machine code

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