

## computer knowledge-compiler design mcq-paper1

**What is a compiler?**

- ☐ A Program
- ☐ B Language
- ☐ C Hardware
- ☐ D Memory

**Answer : A**

**Compiler translates the source code to**

- ☐ A Machine code
- ☐ B Binary code
- ☐ C Executable code
- ☐ D Both A & B

**Answer : D**

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

- ☐ A A parse tree
- ☐ B A list of tokens
- ☐ C Intermediate code
- ☐ D Processed code

**Answer : B**

**A optimizing compiler**

- ☐ A Is optimized to take less time for execution
- ☐ B Optimized the code
- ☐ C Is optimized to occupy less memory
- ☐ D None of the above

**Answer : B**

**Shift reduce parsers are**

- ☐ A Bottom up parser
- ☐ B Top down parser
- ☐ C Both A & B
- ☐ D None of the above

**Answer : A**

**What is the action of parsing the source program into proper syntactic classes?**

- ☐ A Syntax analysis
- ☐ B Lexical analysis
- ☐ C Interpretation analysis
- ☐ D General syntax analysis

**Answer : B**

**Which of the following is used for grouping of characters into tokens?**

- ☐ A Parser
- ☐ B Code generator
- ☐ C Lexical analyzer
- ☐ D Code generator

**Answer : C**

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

- ☐ A 2
- ☐ B 4
- ☐ C 6
- ☐ D 8

**Answer : A**

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

- ☐ A Analysing
- ☐ B Recognizing
- ☐ C Parsing
- ☐ D Tokenizing

**Answer : C**

**Compiler should report the presence of \_\_\_\_\_ in the source program, in translation process.**

- ☐ A Classes
- ☐ B Objects
- ☐ C Errors
- ☐ D Text

**Answer : C**

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

- ☐ A Text editor
- ☐ B Compiler
- ☐ C Interpreter

☐ D Converter

**Answer : B**

**A grammar that produces more than one parse tree for some sentence is called as**

☐ A Ambiguous

☐ B Regular

☐ C Unambiguous

☐ D All of these

**Answer : A**

**Representing the syntax by a grammar is advantageous. What is the cause?**

☐ A It is concise

☐ B It is accurate

☐ C Automation becomes easy

☐ D All of the above

**Answer : D**

**Grammar of the programming is checked at \_\_\_\_\_ phase of compiler.**

☐ A Semantic analysis

☐ B Syntax analysis

☐ C Code optimization

☐ D Code generation

**Answer : B**

**A compiler translate high level programs into low level programs, which is called as**

☐ A Beta code

☐ B Compiled code

☐ C Source code

☐ D Object code

**Answer : D**

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

☐ A Logical

☐ B Content

☐ C Syntax

☐ D None of the above

**Answer : C**

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

- ☐ A source code
- ☐ B literal table
- ☐ C identifier table
- ☐ D terminal table

**Answer : A**

**What is an interpreter?**

- ☐ A An interpreter is a decoder which provides very efficient execution
- ☐ B An interpreter is a general purpose language providing very efficient execution
- ☐ C An interpreter does the conversion line by line as the program is run
- ☐ D An interpreter is the representation of the system being designed

**Answer : D**

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

- ☐ A Canonical LR
- ☐ B SLR
- ☐ C LALR
- ☐ D Operator - precedence

**Answer : A**

**The translator program used in assembly language is called**

- ☐ A Assembler
- ☐ B Interpreter
- ☐ C Compiler
- ☐ D Translator

**Answer : A**