

**1. What does the term "software crisis" mainly refer to?**

- A) Lack of hardware resources
- B) Difficulty in developing large, reliable software
- C) Shortage of programmers
- D) Low cost of software development

**Answer:** B) Difficulty in developing large, reliable software

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**2. Which programming approach treats data and functions separately?**

- A) Procedural programming
- B) Object-Oriented Programming
- C) Both
- D) None

**Answer:** A) Procedural programming

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**3. In Object-Oriented Programming, which of the following is NOT a feature?**

- A) Encapsulation
- B) Inheritance
- C) Polymorphism
- D) Compilation

**Answer:** D) Compilation

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**4. Which of the following best defines encapsulation?**

- A) Hiding data from outside access
- B) Using a single name to represent multiple forms
- C) Inheriting properties
- D) Binding code and data together

**Answer:** D) Binding code and data together

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**5. Which popular OOP language was developed by Bjarne Stroustrup?**

- A) Java
- B) Python
- C) C++
- D) C#

**Answer:** C) C++

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**6. Which of the following is NOT an advantage of OOPs?**

- A) Reusability
- B) Code maintenance
- C) Security
- D) Complexity in understanding

**Answer:** D) Complexity in understanding

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**7. In C++, which compiler is commonly used?**

- A) GCC
- B) JDK
- C) JVM
- D) Android SDK

**Answer:** A) GCC

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**8. What is the correct basic structure of a C++ program?**

- A) Header file → main() function → body
- B) main() function → body → header file
- C) Body → header file → main()
- D) None of the above

**Answer:** A) Header file → main() function → body

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**9. Which is a major difference between C and C++?**

- A) C++ supports classes and objects, but C does not
- B) C supports polymorphism, but C++ does not

- C) C++ is slower than C
- D) C++ cannot use functions

**Answer:** A) C++ supports classes and objects, but C does not

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**10. Which of the following is an additional data type in C++?**

- A) int
- B) bool
- C) char
- D) float

**Answer:** B) bool

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**11. In C++, tokens are the smallest building blocks. Which of the following is NOT a token?**

- A) Identifier
- B) Keyword
- C) Data type
- D) Operator

**Answer:** C) Data type

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**12. In C++, the insertion operator << is mainly used for:**

- A) Taking input
- B) Displaying output
- C) Performing division
- D) Performing addition

**Answer:** B) Displaying output

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**13. Which operator is called the extraction operator in C++?**

- A) <<
- B) >>

- C) ++
- D) --

**Answer:** B) >>

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**14. What is the correct syntax to output "Hello World" in C++?**

- A) `cout >> "Hello World";`
- B) `cout << "Hello World";`
- C) `cin << "Hello World";`
- D) `print("Hello World");`

**Answer:** B) `cout << "Hello World";`

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**15. In C++, which of the following header files is necessary to use `cout` and `cin`?**

- A) `<stdio.h>`
- B) `<conio.h>`
- C) `<iostream>`
- D) `<stdlib.h>`

**Answer:** C) `<iostream>`