

C++ Questions:

1. Who invented C++?

- a) Dennis Ritchie
- b) Ken Thompson
- c) Brian Kernighan
- d) Bjarne Stroustrup

Answer: d) Bjarne Stroustrup

2. What is C++?

- a) C++ is an object oriented programming language
- b) C++ is a procedural programming language
- c) C++ supports both procedural and object oriented programming language
- d) C++ is a functional programming language

Answer: c) C++ supports both procedural and object oriented programming language

3. Which of the following is the correct syntax of including a user defined header files in C++?

- a) #include [userdefined]
- b) #include "userdefined"
- c) #include <userdefined.h>
- d) #include <userdefined>

Answer: b) #include "userdefined"

4. Which of the following is used for comments in C++?

- a) /* comment */
- b) // comment */
- c) // comment
- d) both // comment or /* comment */

Answer: d) both // comment or /* comment */

5. Which of the following extension is used for user-defined header file in c++?

- a) hg
- b) cpp
- c) h
- d) hf

Answer: c) h

6. Which of the following is a correct identifier in C++?

- a) VAR_1234
- b) \$var_name
- c) 7VARNAME
- d) 7var_name

Answer: a) VAR_1234

7. Which of the following is not a type of Constructor in C++?

- a) Default constructor
- b) Parameterized constructor
- c) Copy constructor
- d) Friend constructor

Answer: d) Friend constructor

8. Which of the following approach is used by C++?

- a) Left-right
- b) Right-left
- c) Bottom-up
- d) Top-down

Answer: c) Bottom-up

9. What is virtual inheritance in C++?

- a) C++ technique to enhance multiple inheritance

b) C++ technique to ensure that a private member of the base class can be accessed somehow

c) C++ technique to avoid multiple inheritances of classes

d) C++ technique to avoid multiple copies of the base class into children/derived class

Answer: d) C++ technique to avoid multiple copies of the base class into children/derived class

10. What happens if the following C++ statement is compiled and executed?

```
int *ptr = NULL;
```

```
delete ptr
```

a) The program is not semantically correct

b) The program is compiled and executed successfully

c) The program gives a compile-time error

d) The program compiled successfully but throws an error during run-time

Answer: b) The program is compiled and executed successfully