1. Which operator is used to perform logical NOT operation in C++?

a) &&

b) ||

c) !

d) &

**Answer: c) !**

2. Which keyword is used to exit a function and return a value in C++?

a) continue

b) break

c) exit

d) return

**Answer: d) return**

3. Which keyword is used to define a function that does not return a value in C++?

a) void

b) int

c) return

d) none

**Answer: a) void**

4. Which keyword is used to pass a parameter by value in a function in C++?

a) byval

b) byref

c) inout

d) const

**Answer: a) byval**

5. Which keyword is used to allocate memory for a single variable dynamically in C++?

a) allocate

b) create

c) new

d) malloc

**Answer: c) new**

6. Which keyword is used to access a derived class member within the same class in C++?

a) super

b) base

c) this

d) child

**Answer: c) this**

7. Which keyword is used to mark the end of a loop and terminate its execution prematurely in C++?

a) continue

b) break

c) exit

d) return

**Answer: b) break**

8. Which data type is used to store characters with extended ASCII values in C++?

a) char

b) wchar\_t

c) int

d) string

**Answer: b) wchar\_t**

9. Which operator is used to multiply two numbers in C++?

a) +

b) –

c) \*

d) /

**Answer: c) \***

10. Which operator is used to perform bitwise AND operation in C++?

a) &&

b) ||

c) !

d) &

**Answer: d) &**

**2 MARK MCQ**

1. Which of the following is an example of a preprocessor directive in C++?

A. for loop

B. if statement

C. #include

D. switch statement

Answer: C. #include

2. What will be the output of the following C++ code?

#include <iostream>

void increment(int& value) {

value++;

}

int main() {

int x = 5;

increment(x);

std::cout << "The value of x is: " << x << std::endl;

return 0;

}

a) The value of x is: 4

b) The value of x is: 6

c) The value of x is: 5

d) The code will not compile

Answer: b) The value of x is: 6

3. Which of the following is a valid C++ variable declaration?

A. int 123var;

B. float my-var;

C. double \_value;

D. char first name;

Answer: C. double \_value;

4. What will be the output of the following C++ code snippet?

#include <iostream>

int main() {

int number = 5;

if (number > 10) {

std::cout << "Number is greater than 10";

}

else if (number > 5) {

std::cout << "Number is greater than 5";

}

else {

std::cout << "Number is less than or equal to 5";

}

return 0;

}

A. Number is greater than 10

B. Number is greater than 5

C. Number is less than or equal to 5

D. No output will be displayed

Answer: C. Number is less than or equal to 5

5. What will be the output of the following C++ code snippet?

#include <iostream>

int main() {

int i = 0;

while (i < 5) {

std::cout << i << " ";

i++;

}

return 0;

}

A. 0 1 2 3 4

B. 0 1 2 3 4 5

C. 1 2 3 4 5

D. No output will be displayed

**Answer: A. 0 1 2 3 4**