1. Which keyword is used to declare a integer variable in C++?
   1. **int**
   2. variable
   3. declare
   4. var
2. What is the size of the 'int' data type in C++?
   1. 2 bytes
   2. **4 bytes**
   3. 8 bytes
   4. It varies depending on the compiler and system
3. Which data type is used to store characters in C++?
   1. **char**
   2. character
   3. chr
   4. character\_t
4. Which of the following is a valid variable name in C++?
   1. 2var
   2. **\_var**
   3. var$
   4. var-name
5. What is the maximum value that can be stored in an 'unsigned int'?
   1. INT\_MAX
   2. **UINT\_MAX**
   3. ULONG\_MAX
   4. It depends on the compiler and system
6. Which symbol is used for the modulus operator in C++?
   1. **%**
   2. /
   3. \*
   4. #
7. What is the output of the following code snippet?

int x = 5;

cout << ++x;

* 1. 4
  2. 5
  3. **6**
  4. Compilation error

1. Which directive is used to include a file in C++?
   1. **#include**
   2. #define
   3. #pragma
   4. #ifdef
2. What does the preprocessor directive '#define' do in C++?
   1. **Declares a constant**
   2. Includes a header file
   3. Imports a namespace
   4. Creates a function-like macro
3. What is the output of the following code snippet?

#define SQUARE(x) x \* x

int y = 4;

cout << SQUARE(y + 1);

* 1. 5
  2. **16**
  3. 25
  4. Compilation error

1. Which of the following is not a valid C++ data type?
   1. **boolean**
   2. float
   3. double
   4. long double
2. What is the escape sequence for a new line character in C++?
   1. **\n**
   2. \t
   3. \r
   4. \a
3. Which function is used to read input from the console in C++?
   1. cin.getline()
   2. cin.read()
   3. **cin.get()**
   4. cin.readln()
4. What is the output of the following code snippet?

int x = 10;

int y = 5;

cout << (x > y ? "x is greater" : "y is greater");

* 1. **x is greater**
  2. y is greater
  3. 10
  4. Compilation error

1. What is the size of the 'double' data type in C++?
   1. 2 bytes
   2. 4 bytes
   3. **8 bytes**
   4. It varies depending on the compiler and system
2. Which function is used to write output to the console in C++?
   1. write()
   2. print()
   3. **puts()**
   4. writeln()
3. What is the purpose of the 'endl' manipulator in C++?
   1. It ends the program execution.
   2. **It moves the cursor to the beginning of the next line.**
   3. It flushes the output buffer.
   4. It clears the screen.
4. Which header file should be included to use the 'setw()' function in C++?
   1. **<iomanip>**
   2. <iostream>
   3. <string>
   4. <fstream>
5. What is the output of the following code snippet?

int x = 10;

cout << "The value of x is " << x++ << endl;

* 1. **The value of x is 10**
  2. The value of x is 11
  3. The value of x is 9
  4. Compilation error

1. Which data type is used to represent true or false values in C++?
   1. **bool**
   2. boolean
   3. truefalse
   4. tf
2. What is the output of the following code snippet?

int x = 10;

int y = 5;

cout << (x > y);

* 1. **0**
  2. 1
  3. true
  4. false

1. Which The constants are also called as
   1. Const
   2. preprocessor
   3. **literals**
   4. none of these
2. What is the output of the following code snippet?

int x = 5;

cout << x--;

* 1. **5**
  2. 4
  3. 6
  4. Compilation error

1. What is the output of the following code snippet?

#define MAX(x, y) (x > y ? x : y)

int a = 10;

int b = 5;

cout << MAX(a, b);

* 1. 10
  2. 5
  3. 15
  4. Compilation error

1. Which header file should be included to use the 'getline()' function in C++?
   1. <iostream>
   2. **<string>**
   3. <fstream>
   4. <cstdio>
2. What is the output of the following code snippet?

int x = 5;

int y = 10;

cout << (x != y);

* 1. 0
  2. **1**
  3. true
  4. false

1. What is the purpose of the 'setw()' function in C++?
   1. **It sets the width of the output field.**
   2. It sets the precision of floating-point numbers.
   3. It sets the fill character for padding.
   4. It sets the format for scientific notation.
2. Which function is used to read a string input from the console in C++?
   1. **cin.getline()**
   2. cin.read()
   3. cin.get()
   4. cin.readln()
3. What is the size of wchar\_t in C++?
   1. 2
   2. 4
   3. 2 or 4
   4. **Based on the number of bits in the system**
4. Pick the odd one out.
   1. **array type**
   2. character type
   3. boolean type
   4. integer type
5. What does ‘\a’ escape code represent?
   1. **alert**
   2. backslash
   3. tab
   4. form feed
6. How the constants are declared?
   1. const keyword
   2. **#define preprocessor**
   3. both a and b
   4. None of these
7. Which type is best suited to represent the logical values?
   1. integer
   2. **boolean**
   3. character
   4. float