

Possible Questions For C++ Programming

Objectives

1. What is a flowchart?
 - A. A type of C++ code
 - B. A visual representation of a process
 - C. A list of variables
 - D. A decision tree
2. Which symbol is used to represent a decision in a flowchart?
 - A. Rectangle
 - B. Circle
 - C. Diamond
 - D. Triangle
3. What does a flowchart arrow indicate?
 - A. The start of a program
 - B. Variable declaration
 - C. The direction of flow
 - D. An error
4. What is an algorithm?
 - A. A program
 - B. A debugging tool
 - C. A step-by-step problem-solving procedure
 - D. A type of variable
5. What is the first step in an algorithm to add two numbers?
 - A. Output the result
 - B. Multiply the numbers
 - C. Input A, B
 - D. Start
6. Which of the following is a general-purpose programming language?
 - A. HTML
 - B. C++

- C. SQL
- D. CSS

7. C++ is commonly used in:

- A. Web design only
- B. Cooking recipes
- C. Game development
- D. Music production

8. What is the purpose of `#include <iostream>` in C++?

- A. To start the program
- B. To declare variables
- C. To allow input and output
- D. To end the program

9. Which line in a C++ program marks its entry point?

- A. `return 0;`
- B. `#include`
- C. `cout`
- D. `main()`

10. What does `return 0;` do in a C++ program?

- A. Starts the program
- B. Declares a variable
- C. Ends the program
- D. Outputs a message

11. Which C++ data type stores whole numbers?

- A. `float`
- B. `int`
- C. `string`
- D. `bool`

12. What is the correct type for storing decimal numbers up to 7 places?

- A. `int`
- B. `bool`
- C. `float`
- D. `char`

13. Which type stores a single character?

- A. bool
- B. float
- C. char
- D. string

14. How do you output text in C++?

- A. print()
- B. write()
- C. cout
- D. display()

15. Which of the following is used to represent text in C++?

- A. bool
- B. char
- C. string
- D. int

16. What is the output of: `cout << a + b;` if `a = 5`, `b = 3`?

- A. 53
- B. 8
- C. `a + b`
- D. Error

17. What C++ data type would be best for true/false values?

- A. char
- B. float
- C. bool
- D. double

18. What does this C++ line do? `cout << "Division: " << a / b << endl;`

- A. Outputs a string only
- B. Divides and displays the result
- C. Declares a variable
- D. Ends the program

19. What is the keyword for conditional branching in C++?

- A. when
- B. choose
- C. if
- D. test

20. Section B

Describe how you would use a flowchart and algorithm to create a simple C++ program that calculates the product of two numbers and checks if the result is greater than 100.