C++ Conditional Statements Practice Questions

Solve these questions to master conditional statements in C++.

Levels progress from basic to real-world challenges.

Level 1 – Basics (Warm-up)

1. Check if a number is positive or negative.

2. Input age and print 'Adult' if age ≥ 18, else 'Minor'.

3. Input two numbers and print the larger one.

4. Check whether a number is even or odd.

5. Input a character and check if it's a vowel or consonant.

Level 2 – Multiple Conditions

6. Input marks and print the grade (A, B, C, Fail).

7. Input number (1–7) and print day of week (switch).

8. Input month (1–12) and print days in month (handle leap year).

9. Simple calculator using switch.

10. Greet user based on time of day.

Level 3 – Nested & Complex Logic

11. ATM program: PIN check, then balance check.

12. Traffic light system: red, yellow, green.

13. Check whether a year is leap year.

14. Ticket price calculator with age-based discounts.

15. Classify number as positive/negative and even/odd.

Level 4 – Real-World Challenges

16. Login system with username and password check.

17. Online shopping discount calculator.

18. Student result system with fail/distinction logic.

19. Rock-Paper-Scissors game between two players.

20. Railway ticket booking with waitlist check.