

CONDITIONAL CONSTRUCTS IN JAVA

A. Tick (✓) the correct option.

1. Which statement is used for multiple branching in Java?

a. if

☐

b. switch

☐

c. for

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d. System.exit()

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2. The switch statement compares values using which operator?

a. <

☐

b. >

☐

c. ==

☐

d. !=

☐

B. Fill in the Blanks

- The switch statement is useful when we need to test a variable against
- The break statement is used to exit from a
- The default case in a switch statement executes when
- The switch statement can be used with data types such as int, char, and

C. Match the Following

Column A

- switch
- case
- break
- default

Column B

- Represents a choice in a switch statement
- Exits the switch block
- Executes when no case matches
- Used for multiple branching

D. Short Questions

- What is a switch statement, and how does it work?
- Why do we use the break statement inside a switch case?
- Explain the default case in a switch statement with an example.
- What is the main difference between if-else and switch statements?