

### OPERATORS IN JAVA

#### A. Tick (✓) the correct option.

1. Which of the following is a relational operator?

a. +

☐

b. ==

☐

c. &&

☐

d. %

☐

2. What will be the output of `10 > 5 && 5 > 3`?

a. true

☐

b. false

☐

c. Compilation error

☐

d. 10

☐

#### B. Fill in the Blanks

- The ..... operator is used to compare two values for equality.
- The logical AND (&&) operator returns true only when ..... conditions are true.
- The logical OR (||) operator returns true if at least ..... condition is true.
- The assignment operator (=) is used to ..... values to variables.

#### C. Match the Following

##### Column A

- ==
- &&
- !
- !=

##### Column B

- Checks for inequality
- Not Operator
- Checks for equality
- Logical AND

#### D. Short Questions

- What are relational operators? Give two examples.
- Explain the difference between && (AND) and || (OR) operators in Java.
- What does the != operator do?
- What is the difference between = and == in Java?