

# Worksheet

1

Name: .....

Roll No: ..... Class: ..... Section: .....

Date: .....

## CONDITIONAL CONSTRUCT IN JAVA

### Chapter-8

#### 1. Tick (✓) the correct option.

- (a) Which of the following loops will execute the body of the loop even when condition controlling the Is the loop initially false?
- |              |                          |                            |                          |
|--------------|--------------------------|----------------------------|--------------------------|
| (i) do_while | <input type="checkbox"/> | (ii) while                 | <input type="checkbox"/> |
| (iii) for    | <input type="checkbox"/> | (iv) none of the mentioned | <input type="checkbox"/> |
- (b) Which of these jump statements can skip processing remainder of code in its body for a particular iteration?
- |            |                          |               |                          |
|------------|--------------------------|---------------|--------------------------|
| (i) break  | <input type="checkbox"/> | (ii) return   | <input type="checkbox"/> |
| (iii) exit | <input type="checkbox"/> | (iv) continue | <input type="checkbox"/> |
- (c) Which of the following control expressions are valid for an if statement
- |                           |                          |                           |                          |
|---------------------------|--------------------------|---------------------------|--------------------------|
| (i) an integer expression | <input type="checkbox"/> | (ii) a boolean expression | <input type="checkbox"/> |
| (iii) either A or B       | <input type="checkbox"/> | (iv) Neither A or B       | <input type="checkbox"/> |
- (d) Which statement tests the value of a given variable against a list of case values and when a match is found, a block of statements associated with that case is executed.
- |            |                          |               |                          |
|------------|--------------------------|---------------|--------------------------|
| (i) switch | <input type="checkbox"/> | (ii) return   | <input type="checkbox"/> |
| (iii) exit | <input type="checkbox"/> | (iv) continue | <input type="checkbox"/> |
- (e) Which statement at the end of each block signals the end of a particular case and causes an exit from the switch statement, transferring the control to the statement following the switch
- |              |                          |              |                          |
|--------------|--------------------------|--------------|--------------------------|
| (i) switch   | <input type="checkbox"/> | (ii) break   | <input type="checkbox"/> |
| (iii) return | <input type="checkbox"/> | (iv) default | <input type="checkbox"/> |
- (f) Which of the following is not a valid jump statement?
- |                |                          |             |                          |
|----------------|--------------------------|-------------|--------------------------|
| (i) break      | <input type="checkbox"/> | (ii) return | <input type="checkbox"/> |
| (iii) continue | <input type="checkbox"/> | (iv) go to  | <input type="checkbox"/> |
- (g) Which of these statement provides an easy way to dispatch execution to different parts of your code based on the value of an expression
- |              |                          |               |                          |
|--------------|--------------------------|---------------|--------------------------|
| (i) if_else  | <input type="checkbox"/> | (ii) continue | <input type="checkbox"/> |
| (iii) switch | <input type="checkbox"/> | (iv) while    | <input type="checkbox"/> |

#### 2. Fill in the blank.

- (a) ..... is used with the switch statement.
- (b) ..... is not a decision making statement.
- (c) A BREAK statement inside a Loop like WHILE, FOR, DO WHILE and Enhanced-FOR causes the program execution ..... Loop.
- (d) In Java language, BREAK or CONTINUE statements can be implemented inside a Loop only with the help of ..... statements to avoid never-ending loops.
- (e) The Enhanced FOR loop in Java was introduced by .....