

Worksheet

Name:

Roll No: Class: Section:

Date:

CONDITIONAL CONSTRUCT IN JAVA

Chapter-7

1. Define the following.

- (a) Break statement
- (b) Nested if statement
- (c) Flow of control
- (d) Compound statement
- (e) Ternary operator
- (f) Switch case statement

2. Tick (✓) the correct option.

(a) Which of the following statements involves a fall-through?

(i) if-else

☐

(ii) for loop

☐

(iii) if else if ladder

☐

(iv) switch

☐

(b) Which of the following causes a fall-through in the switch statement?

(i) the omission of fall

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(ii) the omission of continue

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(iii) the omission of break

☐

(iv) the omission of loop

☐

(c) Which clause is optional in the switch statement?

(i) default

☐

(ii) switch

☐

(iii) Case

☐

(iv) None of these

☐

(d) if ((a > b) && (a > c)), then which of the following statements is true?

(i) a is the largest number.

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(ii) b is the largest number.

☐

(iii) c is the largest number.

☐

(iv) b is the smallest number.

☐

3. Format the following if statements with indentation:

(a) if (x == y) if (x == z) x = 1;

else y = 1; else z = 1;

(b) if (x == y) {if (y == z) x = 1; y = 2;} else z = 1;\

(c) if (num1 != num2) {

if (num2 >= num3) x = 1; y = 2; }

else {x = 1; if (num1 == num2) z = 3;}