**MCQ’s – Control Statements**

**1. Which of the following is NOT a Java control flow statement?**

A. if  
B. for  
C. goto  
D. while

**Answer:** C. goto  
**Explanation:** Java does not support goto as a control flow statement.

**2. What is the output of the following code?**

int x = 5;

if (x > 2)

System.out.print("A");

else

System.out.print("B");

A. A  
B. B  
C. Compilation error  
D. No output

**Answer:** A. A  
**Explanation:** Since 5 > 2, the if block executes.

**3. Which loop is guaranteed to execute at least once?**

A. for loop  
B. while loop  
C. do-while loop  
D. None of the above

**Answer:** C. do-while loop  
**Explanation:** In do-while, the loop body executes before the condition is checked.

**4. Which keyword is used to exit a loop prematurely?**

A. exit  
B. break  
C. stop  
D. continue

**Answer:** B. break  
**Explanation:** break is used to exit the loop immediately.

**5. Which keyword is used to skip the current iteration and continue with the next one?**

A. skip  
B. break  
C. return  
D. continue

**Answer:** D. continue  
**Explanation:** continue skips the current iteration.

**6. What is the output of the following code?**

int x = 10;

while (x < 10) {

System.out.println(x);

x++;

}

A. 10  
B. 10 printed infinitely  
C. No output  
D. Compilation error

**Answer:** C. No output  
**Explanation:** The condition x < 10 is false initially.

**7. Which of these is a valid for loop?**

A. for (int i = 0; i < 10; i++)  
B. for i = 0; i < 10; i++  
C. for (int i = 0; i < 10)  
D. for (i < 10; i++)

**Answer:** A. for (int i = 0; i < 10; i++)  
**Explanation:** This is the correct syntax of a for loop.

**8. Which control statement is used to make decisions in Java?**

A. switch  
B. if  
C. if-else  
D. All of the above

**Answer:** D. All of the above  
**Explanation:** All listed options are used for decision making.

**9. What will be the output?**

for (int i = 0; i < 5; i++) {

if (i == 3) break;

System.out.print(i + " ");

}

A. 0 1 2 3  
B. 0 1 2  
C. 1 2 3  
D. 0 1 2 3 4

**Answer:** B. 0 1 2  
**Explanation:** Loop breaks when i == 3.

**10. What is the default case in a switch statement used for?**

A. Skip the switch  
B. Execute if no case matches  
C. Start the switch  
D. End the switch

**Answer:** B. Execute if no case matches  
**Explanation:** default is executed when no case matches.

**11. What will be the output?**

int i = 0;

do {

System.out.print(i);

i++;

} while (i < 3);

A. 123  
B. 012  
C. 0123  
D. 01

**Answer:** B. 012  
**Explanation:** do-while runs the body first, then checks the condition.

**12. Can we have a nested if inside a for loop?**

A. Yes  
B. No  
C. Only in functions  
D. Only with switch

**Answer:** A. Yes  
**Explanation:** Control statements can be nested.

**13. Which is not a valid switch statement data type in Java (until Java 7)?**

A. int  
B. char  
C. String  
D. byte

**Answer:** C. String  
**Explanation:** String was allowed in switch starting from Java 7.

**14. What does the continue statement do in loops?**

A. Stops the loop  
B. Jumps to the end of the loop  
C. Skips remaining statements in current iteration  
D. Repeats the current iteration

**Answer:** C. Skips remaining statements in current iteration  
**Explanation:** Control goes to the next iteration.

**15. What is the output of this code?**

for (int i = 0; i < 5; i++) {

if (i == 2) continue;

System.out.print(i + " ");

}

A. 0 1 2 3 4  
B. 0 1 3 4  
C. 0 1 2 3 4  
D. 1 3 4

**Answer:** B. 0 1 3 4  
**Explanation:** When i == 2, the continue statement skips the print.