1) Which of these selection statements test only for equality?

a) if

**b) switch**

c) if & switch

d) none of the mentioned

2) Which of the following loops will execute the body of loop even when condition controlling the loop is initially false?

**a) do-while**

b) while

c) for

d) none of the mentioned

3) Which of these jump statements can skip processing the remainder of the code in its body for a particular iteration?

a) break

b) return

c) exit

**d) continue**

4) Which of this statement is incorrect?

a) switch statement is more efficient than a set of nested ifs

**b) two case constants in the same switch can have identical values**

c) switch statement can only test for equality, whereas if statement can evaluate any type of boolean expression

d) it is possible to create a nested switch statements

5) The while loop repeats a set of code while the condition is not met?

a) True

**b) False**

6)What is true about a break?

a) Break stops the execution of entire program

**b) Break halts the execution and forces the control out of the loop**

c) Break forces the control out of the loop and starts the execution of next iteration

d) Break halts the execution of the loop for certain time frame

7)What is true about do statement?

**a) do statement executes the code of a loop at least once**

b) do statement does not get execute if condition is not matched in the first iteration

c) do statement checks the condition at the beginning of the loop

d) do statement executes the code more than once always

8)Which of the following is used with the switch statement?

a) Continue

b) Exit

**c) break**

d) do

9)Which of the following is not a decision making statement?

a) if

b) if-else

c) switch

**d) do-while**

10)Which of the following is not a valid jump statement?

a) break

**b) goto**

c) continue

d) return

11)From where break statement causes an exit?

a) Only from innermost loop

b) Terminates a program

c) Only from innermost switch

**d) From innermost loops or switches**

12)Which of the following is not a valid flow control statement?

**a) exit()**

b) break

c) continue

d) return

13) public class ControlStatement1 {

public static void main(String[] args) {

if(true){

System.out.println("If condition true");

}

}

}

​

a) Compile time Error

b) Run time Error

**c) If condition true**

14)public class ControlStatement {

public static void main(String[] args) {

int a = 5;

int b = 10;

if(a>b){

System.out.println("A greater than B");

}else{

System.out.println("A less than B");

}

}

}

​

a) A greater than B

**b) A less than B**

c) Both of above

15) public class ControlStatement {

public static void main(String[] args) {

int a = 5;

int b = 5;

if(a>>2 < ++b){

System.out.println("A less than B");

}else{

System.out.println("A greater than B");

}

}

}

​

**a) A less than B**

b) A greater than B

c) Compile time error

16) What is a loop statement?

**a) An statement, which is executed repeatedly**

b) An statement, which is executed once

c) An statement, which is never executed

d) None of above

17) What is empty loop in Java?

a) It has empty initialization clause

b) It has empty conditional clause

c) It has empty increment clause

**d) All of above**

18)What is nested loop?

a) A Loop with empty initialization

**b) A Loop within a Loop**

c) A Loop without condition

d) All of above

19) What will be the output of following program?

public class LoopExample {

public static void main(String[] args) {

for(int i=0; i<10; i+=2){

System.out.print(i);

}

}

}

​

a) 0123456789

**b) 02468**

c) 0246810

d) 123456789

20) What is the correct output of this program ?

int i = 70;

for(; i>60; ){

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

i--;

}

public class LoopExample {

public static void main(String[] args) {

int i = 70;

for(; i>60; ){

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

i--;

}

}

}

​

a) Run time Error

b) Compile time error

**c) 70 69 68 67 66 65 64 63 62 61**

d) 70 69 68 67 66 65 64 63 62

21) An IF-ELSE statement is also called \_\_\_.

a) Branching statement

b) Control statement

c) Block statements

**d) All**

22)An IF or ELSE IF statement accepts \_\_\_ as input before branching.

**a) boolean**

b) int

c) float

d) char

23) An ELSE statement must be preceded by \_\_\_ statement in Java.

a) IF

b) ELSE IF

**c) IF or ELSE IF**

d) None

24)The condition of an IF statement evaluates to boolean only if the expression contains?

a) logical operators

b) relational operators

c) boolean operands

**d) All**

25) What is maximum lines of code that can be written inside a Java style IF, ELSE or IF-ELSE block?

a) 32

b) 64

c) 512

**d) None**

26) What is the output of Java program with IF statement?

if(1)

{

System.out.println("OK");

}

a) OK

b) No output

**c) Compiler error**

d) None

27) What is the output of the Java program?

int a=10;

if(a==9)

System.out.println("OK ");

System.out.println("MASTER");

else

System.out.println("BYE");

a) OK MASTER

b) BYE

**c) Compiler error**

d) None

Explanation:

More than 1 statement must be kept within Braces { } if ELSE or ELSE IF is next to the IF statement.

28) Which of the following for loops will be an infinite loop?

a) for(; ;)

b) for(i=0 ; i<1; i--)

c) for(i=0; ; i++)

**d) All of the above**

29) What is the value of a[1] after the following code is executed?

int[] a = {0, 2, 4, 1, 3};

for(int i = 0; i < a.length; i++)

a[i] = a[(a[i] + 3) % a.length];

a) 0

**b) 1**

c) 2

d) 3

30) What will be the output?

public class Test{

public static void main(String args[]){

int i = 1;

do{

i--;

}while(i > 2);

System.out.println(i);

}

}

a) 1

b) 2

c) -1

**d) 0**

31) How many times 'Hello' is printed?

public class CppBuzz {

public static void main(String[] args){

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

{

System.out.println("Hello");

}

}

}

a) 5

b) 4

c) 2

**d) 1**