

Write the correct option in the box.

1. \_\_\_\_ Statement skips the rest of the statement of the body of the loop and exits the loop before the iteration is completed.

a)continue

~~c)break~~

b)switch

d)if

2. A \_\_\_\_ in java is a statement that gives in a Boolean value true and false..

a)continue

c)break

b)switch

~~d)if~~

3. Which of the following is a relation Operator?

~~a) ==~~

c)||

b)&&

d)None of these

a

4. In Switch case statement, \_\_\_\_\_ becomes active when none of the cases match.

a)Case 1

c)Case 2

~~b)default~~

d)Case 3

b

5. What will be the new value of p if its starting value is :p=12 i

Int x=5,y=10;

If(p>y)

~~p=x;~~

else

p=y;

~~a)5~~

c)12

b)10

d)None of these

6. Predict the output of following code?

int a=200,b=300,e=0;

e=(a>b)?a:b;

200>300 e=300

System.out.print(e);

System.out.print((a>b)?"YES":"NO");

~~a)300 NO~~

c)200 NO

b)300 YES

d)200 YES

a

7. Which of these assignments are valid?

a)if p>5

c)if(q==6)

b)if(r=>8)

~~d)if(s=9)~~

d

8. If((p>q)&&(p>r)),then which of the given statement is true?

~~a)p is the greatest number~~

b)q is the greatest number

c)p is the smallest number

d)all of these

a

9. Write an expression in java for the following:

$$Y=\sqrt{(a^2 + b^2)+c^2}$$

a) Y=Math.sqrt(a\*a+b\*b+c\*c);

b) Y=Math.sqrt(Math.pow(a,2)+Math.pow(b,2)+Math.pow(c,2));

~~c) Y=Math.sqrt(Math.pow(a,2)+Math.pow(b,2))+Math.pow(c,2);~~

d)None of these

c

10. Convert the following mathematical expression into java expression.

$$|\sqrt{-4 + a^2}/c|$$

a) Math.asb(Math.sqrt((-4)+(a\*a))/c);

~~b) Math.abs(Math.sqrt((-4)+(a\*a))/c);~~

c) Math.abs(Math.pow((-4)+(a\*a))/c);

d)None of these

b

11. What will be the following functions returned when executed?

Math.max(-17,-19)

~~a)-17~~

c)-19

b)17

d)19

a

12. Give the output of the following program segment:

```
double x=2.9,y=2.5;
```

```
System.out.println(Math.min(Math.ceil(x),y);
```

a)2

c)2.9

b)3

~~d)2.5~~

d

13. Predict the return data type of the following function:

```
Math.min()
```

a)float

b)double

c)int

~~d)depends on values used as the arguments~~

d

14. Predict the return data type of the following function:

```
Math.pow()
```

a)float

b)double

c)int

~~d)depends on values used as the arguments~~

d

15. Which of the following does not find the cube of a number?

a)Math.pow(j,3);

c)j\*j\*j

~~b)Math.cbrt(j,3)~~

d)None of these

b

16. Which of the following syntax is the correct one to find the square root of a number?

a)sqrt(x)

~~c)Math.sqrt(x)~~

b>Squareroot(a)

d)None of these

c

17. What are the types of errors that can take place in a program?

a)Syntax Error

c)Logical Error

b)Runtime Error

~~d)All of these~~

d

18. Which keyword is used to access members of another package?

~~a)import~~

c)static

b)Class

d)switch

a

19. For declaring a package, the keyword "package" and "package name" statement can be written anywhere in the program.  
it should be the first line

a)True

~~b>false~~

b

20. Fill in the blanks based upon the given condition:

A code to read a double data type data from the keyboard using scanner class.

```
Scanner in=new Scanner(System.in);
```

```
double i=_____;
```

a)in.nextdouble();

c)nextdouble()

~~b)in.nextDouble();~~

d)nextDouble()