

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)

12 > 10

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;

200>300 e=300

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

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);`

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

10. Convert the following mathematical expression into java expression.

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

a) `Math.abs(Math.sqrt((-4)+(a*a))/c);`

b

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

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

d) None of these

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

`Math.max(-17,-19)`

a) -17

c) -19

b) 17

d) 19

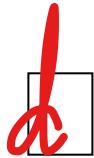
a

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
- b)3

- c)2.9
- d)2.5



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~~



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~~



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



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



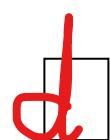
17. What are the types of errors that can take place in a program?

a)Syntax Error

c)Logical Error

b)Runtime Error

~~d)All of these~~



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

- a)import  
b)Class

- c)static  
d)switch

a

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

- 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();  
 b)in.nextDouble();

- c)nextdouble()  
d)nextDouble()