

- Q.11- ASCII is _____ set of codes.
 a. 6-bit b. 8-bits
 c. 16-bits d. None of these
- Q.12- Which of the following is not a legal identifier?
 a. _age b. 9thClass
 c. \$Amount d. None of these
- Q.13- An operator taking only single operand for its operation is called :
 a. A unary operator
 b. A ternary operator
 c. A binary operator
 d. None of these
- Q.14- Which one of the following is not a binary operator?
 a. == b. %
 c. ! d. None of these
- Q.14- Which one of the following is not a valid operator in Java?
 a. <= b. >=
 c. = d. None of these
- Q.15- Find the output of the following code:

```
int s = 14;
if(s > 20)
System.out.print("under");
else
System.out.print("over");
System.out.print(" the limit");
```

 a. Under the limit
 b. Over the limit
 c. The limit
 d. None of these
- Q.16- What will be the final value stored in the variable x?

```
double x = Math.ceil(2.4) +
           Math.pow(2,3)
```

 a. 11.0 b. 12.0
 c. 10.0 c. None of these
- Q.17- The number of bytes occupied by the constant 78 is :
 a. Four bytes b. Two bytes
 c. Eight bytes d. None of these
- Q.18- How many times the inner loop will execute?

```
for(int k = 1; k <= 2; k++)
{
    for(int m=1; m<=4; m++)
    {
        System.out.println("Bluej");
    }
}
```

 a. 16 times b. 12 times
 c. 8 times d. None of these

- Q.19- What will be the output

```
"KEYBOARD".substring(3,8)?
```

 a. BOARD b. BOAR
 c. OARD d. None of these
- Q.20- Which of the following packages contain string functions?
 a. java.lang
 b. java.String
 c. java.awt
 d. None of these
- Q.21- Predict the output

```
int a = 0, i = 4;
while(i<10)
a += ++i - i * 2;
System.out.println("a= "+a+"\ni = "+i);
```

 a. -35, 12 b. -45, 10
 c. -50, 8 d. None of these
22. Write the output of the following code

```
char ch;
int x = 97
do
{
    ch = (char) x;
    System.out.print ( ch + " ");
    if (x% 10 ==0)
    break;
    ++X;
} while (x <= 100);
```

 a. a b c d
 b. 97 98 99 100
 c. A B C D
 d. None of these
- Q.23- Single line comments can be added using
 a. // b. \\
 c. /* */ d. None of these
- Q.24- Which keyword do you use to include a class in your program?
 a. import b. include
 c. export d. None of these
- Q.25- Default delimiter used in the Scanner class is :
 a. Comma b. Colon
 c. whitespace d. None of these
- Q.26- Which package would you import to display the date and time?
 a. java.util b. java.io
 c. java Date d. None of these
- Q.27- Which package would you import for the Scanner class?
 a. java.util b. java.io.
 c. java.lang d. None of these

Q.46- How many times will the following loop execute?

```
public static void main(String args[] )
{
    int sum = 0;
    for (int i =10; i>15; i++)
    {
        sum += 1;
    }
    System.out.println(sum);
}
```

- a. 15
- b. 20
- c. 35
- d. None of these

Q.47- The for loop may contain _____ initialisations and updates.

- a. one
- b. many
- c. two
- d. None of these

Q.48- Analyse the following program segment and determine the output of the program segment

```
int p = 200
while (true)
{
    if (p < 100)
        break;
    p = p - 20;
}
System.out.println(p);
```

- a. 80
- b. 100
- c. 120
- d. None of these

Q.49- Write the output for the following :

```
String s1 = "phoenix"; String s2 = "island";
```

- (a) System.out.print(s1.substring(0).concat(s2.substring(2)));
- (b) System.out.println (s2.toUpperCase());
- a. pheonixland ISLAND
- b. phoenixISLAND
- c. PHEONIX
- d. None of these

Q.50- Give the output of the following string functions:

```
"ACHIEVEMENT".replace('E','A');
```

- a. ACHIAVAMANT
- b. ACHIAVEMENT
- c. ACHIEVEMENT
- d. None of these

Q.51- Give the output of the following code:

```
String A ="26" B ="100";
String D= A + B +"200";
int x = Integer.parseInt (A);
int y = Integer.parseInt (B);
int d = x + y;
System.out.println("Result 1 =" +D);
System.out.println("Result 2 =" +d);
```

- a. Result 1= 26200100
Result 2= 124
- b. Result 1= 26100200
Result 2= 126
- c. Result 1= 20026100
Result 2= 226
- d. None of these

What will be the output of the following statements ? (Q 52 to Q.56)

```
String x = "Object Oriented";
String y = "Programming Language";
```

Q.52- System.out.println (y.substring (12).length());

- a. 12
- b. 8
- c. 10
- d. None of these

Q.53- System.out.println (x.concat (y.substring (0, 11)));

- a. Object Oriented Programming
- b. Oriented Programming Language
- c. Object Oriented Programming Language
- d. None of these

Q.54- System.out.println (x.substring (7).endsWith ("e"));

- a. true
- b. false
- c. yes
- d. None of these

Q.55- System.out.println (y.substring (0, 11).length ()> x.substring(7).length());

- a. 1
- b. false
- c. true
- d. None of these

Q.56- String str = "COMPUTER";
char ch = str.charAt (9/2);

```
int a = ch;
System.out.println (ch + " " + a);
```

- a. U 85
- b. P 80
- c. T 84
- d. None of these

- Q.57- In a switch case, when the switch value does not respond to any case then the execution transfers to :
- break statement
 - default case
 - loop
 - none of these
- Q.58- Which of the following is a compound statement?
- `P = Integer.parseInt(in.readLine());`
 - `c = ++a`
 - `if(a > b) a++; b --`
 - None of these
- Q.59- Condition is essentially formed by using :
- Arithmetic operators
 - Logical operators
 - Relational operators
 - None of these
- Q.60- `if(a > b)`
`c = a;`
`else`
`c = b;`
 It can be written as :
- `c = (b > a) ? a : b;`
 - `c = (a != b) ? a : b;`
 - `c = (a > b) ? b : a`
 - None of these
- Q.61- Two arithmetical expressions can be compared with the if statement, using:
- Arithmetic operator
 - Relational operator
 - Logical operator
 - None of these
- Q.62- Which of the following is a conditional statement?
- if
 - goto
 - for
 - None of these
- Q.63- Which of the following statement accomplishes a 'fall through'?
- for statement
 - switch case statement
 - if-else
 - None of these
- Q.64- A Java program executes but doesn't give the desired output. It is due to :
- the logical error in the program
 - the syntax error in the program
 - the run time error in the program
 - None of these
- Q.65- The term IPR stands for :
- Intellectual Property Rights
 - Intellectual Performance Rights
 - Individual Performance Rights
 - None of these
- Q.66- IPR applies to
- Trademarks
 - Patents
 - Copyrights
 - None of these
- Q.67- Privacy of data can be breached by disclosing information pertaining to
- Personal details
 - Healthcare records
 - Criminal justice investigations
 - None of these
- Q.68- Which of the following is not a form of software piracy?
- Softlifting
 - Counterfeiting
 - Encrypting
 - None of these
- Q.69- The right to decide how much personal information you want to communicate with others is known as :
- Copyright
 - Trademark
 - Privacy
 - None of these
- Q.70- The unsolicited emails and attractive advertisements are collectively known as :
- Spam
 - Virus
 - Hacking
 - None of these
- Q.71- The right which is concerned with the design and algorithm of the product rather than the entire product is called :
- Copyright
 - Patent
 - Trademark
 - None of these
- Q.72- Hacking a web server or taking control of another person's website is called :
- Web Hiking
 - Web Crawling
 - Web Hijacking
 - None of these

Q.73- A program will stop executing if there is _____ in the program!

- a. logical error
- b. syntax error
- c. runtime error
- d. None of these

Q.74- _____ determines the order of evaluation if two operators are having same precedence.

- a. Associativity
- b. Operator precedence
- c. Operator overriding
- d. None of these

Q.75- int v = 5;
while (--v >= 0)
System.out.println(v);

- a. 543210
- b. 43210
- c. 4321
- d. None of these

Q.76- switch(ch)

```
{  
    case 'M':  
        System.out.println("Microsoft  
Teams");  
        break;  
    case 'G':  
        System.out.println("Google  
Meet");  
    case 'W':  
        System.out.println("Web Ex");  
        break;  
    default:  
        System.out.println("Any  
Software");  
}
```

When ch= 'g'

- a. Web Ex
- b. Any Software
- c. Google Meet
- d. None of these

Read the code segment and answer the question numbers (77 - 80)

_____ ?1? _____ ques

```
{  
    public static void main(int n)  
    {  
        int num = ?2?  
        int ctr = ?3?, d, sum = ?4?;  
        while(?5?)  
        {  
            ctr++;  
            num=?6?;  
        }  
        num=n;  
        while(num>0)  
        {  
            d= num% ?7?;  
            sum =sum +(int)  
            Math.pow(d,?8?);  
            ?9? = num/10;  
        }  
        if (?10?)  
        {  
            System.out.println(n+" is an  
            Armstrong number");  
        }  
        else  
            System.out.println(n+" is not  
            an Armstrong number");  
        }  
    }  
}
```

Q.77- Expression statement at ?1?

- a. class
- b. void
- c. public
- d. None of these

Q.78- Expression statement at ?2?

- a. 0
- b. n
- c. 1
- d. None of these

Q.79- Expression statement at ?3?

- a. 0
- b. 1
- c. -1
- d. None of these

Q.80- Expression statement at ?4?

- a. 0
- b. 1
- c. -1
- d. None of these

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