1. How to import all package?
a)import java.*;
b)include java.lang;
c)java.package

2.What is the value of "d" after this line of code has been executed?
double d = Math.round (2.5 + Math.random());
a)2
b)3
c)4
d)2.5

3.Which Statement is true?

```
Public class While
{
public void loop()
{
   int x=0;
   while(1)
  {
system.out.println(“x + 1 is : ”,(x+1) )
   }
}
}
```

a)There is a syntax error on line 1.
b)There are syntax errors on lines 1 and 6.
c)run infinity time
d)There is a syntax error in line 6.

4. Determine the output:

```
class output {
public static void main(String args[]){
String buffer s1 = new StringBuffer("Hello world")
s1.insert(6,"Good");
SOP(s1);
}
}
```

a)Hellogoodworld
b)hellogoodworld
c)Hello Goodworld
d)GoodWorld

5.Determine the output:

```
 PSVM()
{
try{
int a = 5;
```

```
int b = 0;
int c = a/b;
SOP(“World”);
}
Catch(exception e)
{
SOP(“hello”);
}}
```
a)hello
b)world
c)hello world
d)none of the above

6.What is the value of the string returned by getValue("DEMOS")

```
String getValue(String word)
{
if (word.length() == 1)
return "";
else
return getValue( word.substring(0, word.length() - 1) ) + word.charAt(word.length()
- 1);
}
```
a)DEMOS
b)DEMS
c)DEM
d)EMOS

7.Determine the output

```
SOP (‘1’+new integer (2) +3);
```
a)123
b)13
c)1
d)12

8.Determine the output:

```
StringBuffer s1 = new StringBuffer(“Hello”);
StringBuffer s2 = reverse(s1);
SOP(s2);
```
a)Hlloe
b)lloeH
c)Hello
d)olleH

9. Write the correct signature of the main method?

a)public Static void main()

b)public Static void main(String args[])
c)public Static void main(String ...)

10.what is the output of this program
class output{
public static void main(String args[])
{
Object obj = new object();
System.out.print(obj.getclass());
}}
a)class java.object
b)class java.lang.object
c)none of the above

11.Determine the output
Class{

PSVM
String str = new String(“.....”);
}
Do{
str = “Hello Stop World ”;
SOP(str);
}
While(str!=Strong);
{
.....
}
a)HelloStopWorld
b)Hello Stop World
c)HelloStop
d)none of the above

12. How to declare array of string which one is correct?
a)string[]s;
b)string s[]
c)string []s;

13.What will be the output?
class A{
int i;
int j;

```
A(){
I =1;
J=2;
}
}
Class output{
Public static void main(String args[])
{
A obj1 = new A();
SOP(obj1.toString());
}
}
```

a)A@1cde5f
b)Aa1cde5f
c)Ad1cde5f
d)@1cde5f

14.What will be the datatype of the no 9.6352
a)double
b)Float
c)Double

15.Determine the output

```
public class Question {
public static void main(String args[]) {
String s1 = "uvw";
String s2 = "xyz";
String s3 = s1.concat(s2.toUpperCase( ) );
System.out.println(s1+s2+s3);
} }
```

a)uvwxyzuvwXYZ
b)uvwxyzuv
c)uvwxyzXYZ
d)uvwxyzuvXYZ

16.Determine the output

```
int i = -1;
int b = 10;
int val = b/ i;
```

a)-10
b)10
c)10/1
d)error

17. How to inherit both the interface and abstract class ?
a)class implemts Info,interface
b)class xyz extends Info implements interface{ void load}
c)class extends Info,interface
d)class implements interface

18. Which operator is used to separate parameters or attributes?
a)&
b)&&
c)and

19. Determine the output

```
public class Delta
{ static boolean foo(char c)
{
System.out.print(c);
return true;
}
public static void main( String[] argv )
{
int i = 0;
for (foo('A'); foo('B') && (i < 2); foo('C'))
{
i++;
foo('D');}
}
}
```

a)ABDCB
b)ABDCBDCB
c)ABCDBDA
d)ABDCBDA

20.

```
import java.util.*;
class Array {
public static void main(String args[])
{
int array[] = new int [5];
for (int i = 5; i > 0; i--)
array[5 - i] = i;
Arrays.sort(array);
for (int i = 0; i < 5; ++i)
System.out.print(array[i]);;
}
}
```

a) 12345

b)54321

c)123

d)1234

21. What is the output of this program?

```
import java.util.*;
class Array {
public static void main(String args[])
{
int array[] = new int [5];
for (int i = 5; i > 0; i--)
array[5-i] = i;
Arrays.fill(array, 1, 4, 8);
for (int i = 0; i < 5 ; i++)
System.out.print(array[i]);
}
}
```

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a) 12885

b) 12845

c) 58881

d) 54881

22. Determine the output

```
class output {
public static void main(String args[])
{
StringBuffer c = new StringBuffer(
"Hello");


StringBuffer c1 = new StringBuffer
(" World");
c.append(c1);
System.out.println(c);
}
}
```

a) Hello

b) World

c) Helloworld

d) Hello World

23. Determine the output

```
class output {
public static void main(String args[])
{
StringBuffer s1 = new StringBuffer("
```

```
Hello");
s1.setCharAt(1,'x');
System.out.println(s1);
}
}
```
a) xello
b) xxxxx
c) Hxllo
d) Hexlo

24.Determine the output

```
import java.io.*;
public class filesinputoutput {
public static void main(String[] args)
{
String obj = "abc";
byte b[] = obj.getBytes();
ByteArrayInputStream obj1 = new Byte
ArrayInputStream(b);
for (int i = 0; i < 2; ++ i) {
int c;
while((c = obj1.read()) != -1) {
if(i == 0) {
System.out.print(Charact
er.toUpperCase((char)c));
obj2.write(1);
}
}
System.out.print(obj2);
}
}
}
```
a) AaBaCa
b) ABCaaa
c) AaaBaaCaa
d) AaBaaCaaa

25.Determine the output

```
class output {
public static void main(String args[])
{
char c[]={'a', '1', 'b' ,' ' ,'A' ,
'0'};
for (int i = 0; i < 5; ++i)
{
if(Character.isDigit(c[i]))
System.out.println(c[i]+
```

```
" is a digit");
if(Character.isWhitespace(c[
i]))
System.out.println(c[i]+
" is a Whitespace character");
if(Character.isUpperCase(c[i
]))
System.out.println(c[i]+
" is an Upper case Letter");
if(Character.isLowerCase(c[i
]))
System.out.println(c[i]+
" is a lower case Letter");
i=i+3;
}
}
}
```

a) a is a lower case Letter
is White space character
b) b is a lower case Letter
is White space character
c) a is a lower case Letter
A is a upper case Letter
d) a is a lower case Letter
0 is a digit

26.Which pattern ?

```
Public static void main(String args[])
{
List<string> List = new ArrayList<string>();
//add string
List.add(“cricket”);
List.add(“football”);
List.add(“hockey”);
Iterator it = List.iterator();
While(it.hasNext())
{
String s = it.next();}}
```

27. What is the output?

```
1. public class TestString1 {
2. public static void main(String[] args) {
3. String str = "420";
4. str += 42;
5. System.out.print(str);
6. }
7. }
```

A. 42
B. 420
C. 462
D. 42042
E. Compilation fails.
F. An exception is thrown at runtime.

28.Which three are valid on line
12?
(Choose three.)
11. public interface Status {
12. /* insert code here */ int MY_VALUE = 10;

A. final
B. static
C. native
D. public
E. private
F. abstract
G. protected

29. Which code, inserted at line 15, allows the class Sprite to compile?
10. interface Foo { int bar(); }
11. public class Sprite {
12. public int fubar(Foo foo) { return foo.bar(); }
13. public void testFoo() {
14. fubar(
15. // insert code here
16.);
17. }
18. }
A. Foo { public int bar() { return 1; }
B. new Foo { public int bar() { return 1; }
C. new Foo() { public int bar() { return 1; }
D. new class Foo { public int bar() { return 1; }

30. What is the result?
11. class Animal { public String noise() { return "peep"; } }
12. class Dog extends Animal {
13. public String noise() { return "bark"; }
14. }
15. class Cat extends Animal {
16. public String noise() { return "meow"; }
17. } ...
30. Animal animal = new Dog();
31. Cat cat = (Cat)animal;
32. System.out.println(cat.noise());

A. peep
B. bark
C. meow
D. Compilation fails.
E. An exception is thrown at runtime.