

## Intermediate Level

### 1) Predict the output for the below code:

```
public void foo( boolean a, boolean b){
if( a )
{
System.out.println("A");
}
else if(a && b) {
System.out.println( "A && B");
}
else
{
if ( !b )
{
System.out.println( "notB" );
}
else
{
System.out.println( "ELSE" );
}
}
}
```

- a. If a is true and b is true then the output is "A && B"
- b. If a is true and b is false then the output is "notB"
- c. If a is false and b is true then the output is "ELSE"
- d. If a is false and b is false then the output is "ELSE"

Answer \_\_\_\_\_?

### 2) What is the output of this program?

```
class Test
{
public static void main(String args[])
{
int x, y = 1;
x = 10;
if (x != 10 && x / 0 == 0)
System.out.println(y);
else
System.out.println(++y);
}
}
```

- a) 1
- b) 2
- c) Runtime error owing to division by zero in if condition.
- d) Unpredictable behavior of program.      **Answer**\_\_\_\_\_?

**3) what is the output of this program?**

```
class SelectionStatements
{
public static void main(String args[])
{
int var1 = 5;
int var2 = 6;
if ((var2 = 1) == var1)
System.out.print(var2);
else
System.out.print(++var2);
}
}
```

- a) 1
- b) 2
- c) 3
- d) 4      **Answer**\_\_\_\_\_?

**4) write a program on inheritance where by creating an object and initialize data in it ?**

```
Class Test
{
final int res(int a, int b)
{
return 0;
}
}
Class Test1 extends Test
{
final int res(int a, int b)
```

```
{  
return 1;  
}  
}  
Class x  
{  
Test1 tes=new Test1();  
System.out.println(tes.res(0,1));  
}
```

- a) 0
- b) 1
- c) compile error
- d) exception

**Answer\_\_\_\_\_?**

**5).Program on calling a method from static block accessing the data.**

```
class Test  
{  
Static  
{  
Test t=new Test();  
t.talk();  
}  
public static void main(String args[]){  
Test y=new Test();  
y.name;  
y.age;  
}  
String name="abc";  
private int age=20;  
void talk()  
{  
System.out.println(name+" "+age);  
}
```

- a) abc 20            b) null  
    null 0            abc 20  
c) abc 20            d) compiler error  
abc 20

Answer\_\_\_\_\_?

**6)write a program to accept the data from out side of class.**

```
class Test
{
int x=5;
Test(int x){
this.x=x;
}
static void access()
{
System.out.print(x);
}
}
class x
{
Test obj=new Test(55);
Test.access();
}
```

- a) 55  
b) 5  
c) compile error  
d) run-time error

Answer\_\_\_\_\_?

**7. What will be the output of the program?**

```
public class X
{
public static void main(String [] args)
```

```
{
    try
    {
        badMethod();
        System.out.print("A");
    }
    catch (RuntimeException ex) /* Line 10 */
    {
        System.out.print("B");
    }
    catch (Exception ex1)
    {
        System.out.print("C");
    }
    finally
    {
        System.out.print("D");
    }
    System.out.print("E");
}
}
public static void badMethod()
{
    throw new RuntimeException();
}
}
```

- a) BD
- b) BCD
- c) BDE
- d) BCDE

**Answer** \_\_\_\_\_?

**8.given program is used to handle the code by throwing a user defined exception**

```
public class Test
{
public static void myMethod() throws Exception
{
try{
throw new exception();
}
finally{
System.out.print("finally");
}
}
public static void main(String args[]){
try
{
myMethod();
}
catch(Exception e)
{
System.out.println("Exception");
}
System.out.print("finally");
}
}
```

- a) finally
- b) exception
- c) finally exception
- d) compiler error

**Answer**\_\_\_\_\_?

**9.Find the output for this code?**

Class Deccansoft

```
{  
public static void main(String args[])  
{  
ListIterator a =List.listIterator();  
if(a.previousIndex()!=-1)  
while(a.hasNext())  
System.out.println(a.next()+" ");  
else  
System.out.print("empty");  
}  
}
```

a) 0

b) 1

c) -1

d) empty           **Answer \_\_\_\_\_?**

**10. Find the output for this code?**

Class Deccansoft

```
{  
public static void main(string args[])  
{  
LinkedList list= new LinkedList();  
List.add(new Integer(2));  
list.add(new Integer(8));  
list.add(new Integer(5));  
list.add(new Integer(1));  
Iterator i=list.iterator();  
Collections.reverse(list);  
i.next();  
i.remove();  
while(i.hasNext())  
System.out.println(i.next()+" ");  
}
```

```
}  
}
```

- a) 2 8 5
- b) 2 1 8
- c) 2 5 8
- d) 8 5 1

**Answer** \_\_\_\_\_?

**11) Which of the following statements are true?**

- a) UTF characters are all 8-bits.
- b) UTF characters are all 16-bits.
- c) UTF characters are all 24-bits.
- d) Unicode characters are all 16-bits.

**Answer** \_\_\_\_\_?

**12) What is Serialization and deserialization?**

- a) Serialization is the process of writing the state of an object to a byte stream.
- b) It is the process of restoring these objects.
- c) Combination of 'a' and 'b'
- d) None of the above.

**Answer** \_\_\_\_\_?

**13) What is the Message is displayed in the applet made by this program?**

```
import java.awt.*;  
import java.applet.*;  
public class myapplet extends Applet  
{  
public void paint(Graphics g)  
{  
g.drawString("A Simple Applet", 20, 20);  
}  
}
```

- a) A Simple Applet



b) A Simple Applet 20 20

c) Compilation Error

d) Runtime Error           **Answer**\_\_\_\_\_?

**14. The \_\_\_\_\_ method when used in the method field, leaves entity body empty.**

a) POST

b) GET

c) Both of the mentioned

d) None of the mentioned       **Answer**\_\_\_\_\_?

**15. Which of the following is present in both an HTTP request line and a status line?**

a) HTTP version number

b) URL

c) Method

d) None of the mentioned       **Answer**\_\_\_\_\_?