

**1) Write a program on inheritance and check whether the given object is instance of a class or not?**

```
class A
{
}
class B extends A{
}
class C extends A{
}
class X
{
A a1=new B();
if(a1 instanceof B)
System.out.println("I'm Class B");
else if(a1 instanceof A)
System.out.println("I'm Class A");
else if(a1 instanceof C)
System.out.println("I'm Class C");
else
System.out.print("no match");
```

- **I'm Class A**
- **I'm Class B**
- **I'm Class C**
- **no match**

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

**2). A program on displaying sum of two numbers**

```
class x
{
public static void main(String ar[])
{
int a=3,b=4;
System.out.print(a+b);
```

```
System.out.print(""+a+b+" ");
```

```
}
```

```
}
```

- 7 7

- 34 7

- 7 34

- 34 34      **Answer**\_\_\_\_\_?

### 3) What is the length of the application box 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);
```

```
}
```

```
}
```

- 20

- 50

- 100

- System dependent      **Answer**\_\_\_\_\_?

### 4)Exception Handling with method overriding.

```
class Parent
```

```
{
```

```
void msg()
```

```
{
```

```
System.out.print("parent");
```

```
}
```

```
}
```

```
class Child extends Parent
```

```

{
void msg() throws IOException
{
System.out.println("child");
}
}
public static void main(String args[])
{
Parent p=new Parent();
p.msg();
}
}

```

- **parent**
- **child**
- **parent child**
- **compiler error**      **Answer\_\_\_\_\_?**

**5).check weather the static value can be modified or not.**

```

class Test
{
int m1()
{
static int i=0;
i++;
return i;
}
Test t=new Test();
int j=test.m1();
System.out.print(i);
}

```

- **0**
- **1**
- **2**
- **Illegal start of expression**      **Answer\_\_\_\_\_?**

**6. Given program is used to adding and deleting elements using Stack. find predicted output?**

```
class Deccansoft
{
public static void main(string args[])
{
Stack obj = new Stack();
obj.push(new Integer(8));
obj.push(new Integer(2));
obj.pop();
obj.push(new Integer(5));
System.out.println(obj);
}
}
```

- [3, 5]
- [3, 2]
- [3, 2, 5]
- [3, 5, 2]

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

**7). program to create an object and it returns true if objects are equal otherwise display a message.**

```
class Test{
public static void main(String args[]){
Object o=new Object()
{
boolean equal(Object obj)
{
return true;
}
}
System.out.print("nikhil");
}
```

- **returns true**
- **nikhil**
- **exception**
- **compilation error**

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

**8) Given program is used to add elements to first. Predict the output for this code?**

```
public class AddingElementsFirst {
    public static void main(String[] args) {
        LinkedList li=new LinkedList();
        li.add("A");
        li.add("B");
        li.add("C");
        li.addFirst("D");
        li.addLast("B");
        li.clone();
        li.descendingIterator();
        System.out.println(li);
    }
}
```

- **5[D, A, B, C, B]**
- **[D, A, C, B] 4**
- **[D, A, C, B]**
- **[D, C, A, B] 3**

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

**9. 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()+" ");
}
}

```

- 2 8 5
- 2 1 8
- 2 5 8
- 8 5 1                      **Answer\_\_\_\_\_?**

**10. This code is used to accept an array and displaying it. Select the generated output?**

```

Class Deccansoft
{
static<T> void display(T[] arr){
for(T i: arr)
System.out.println(i);
}
}
class Hello
{
public static void main(String args[])
{
Integer arr[]={ 1, 2, 3, 4, 5, 6};
System.out.println("reading data");
ArrayList ar=new ArrayList();
ar.set(1, arr);
Deccansoft.display(arr);
}
}

```

}

}

- **1 2 3 4 5 6**
- **Exception**
- **1 1 1 1 1 1**
- **compiler error**                      **Answer\_\_\_\_\_?**

**11) Which of the following is true about <c:param> tag?**

- The <c:param> tag allows proper URL request parameter to be specified with URL.
- The <c:param> tag does any necessary URL encoding required
- Both of the above.
- None of the above.                      **Answer\_\_\_\_\_?**

**12) When using the <fmt:formatNumber> action the numeric value to be formatted can be specified using the value attribute or when omitted read from where?**

- a) The value attribute is mandatory and must be specified
- b) The action is ignored
- c) The value attribute is treated as a null value
- d) The numeric value can be read from the tag's body content                      **Answer\_\_\_\_\_?**

**13) which of the following is correct about savepoint?**

- a) savepoint marks a point that the current transaction can roll back to.
- b) Instead of rolling all of the changes back, a savepoint can be chosen to roll back only some of them.
- c) Both of the above.
- d)None of the above.                      **Answer\_\_\_\_\_?**

**14) Which of the following code is used to add an attribute in a HTTP Session object in Servlet?**

a) session.addAttribute(name,value)

b) session.setAttribute(name,value)

c) session.createAttribute(name,value)

d) None of the above. **Answer**\_\_\_\_\_?

**15) Which class can handle any type of request so that it is protocol-independent?**

a) GenericServlet

b) HttpServlet

c) Both A & B

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