1. Which feature of OOP indicates code reusability?  
   a) Abstraction  
   b) Polymorphism  
   c) Encapsulation  
   d) Inheritance

Ans:d

1. Which among the following doesn’t come under OOP concept?  
   a) Data hiding  
   b) Message passing  
   c) Platform independent  
   d) Data binding

Ans:c

1. Which feature of OOP is indicated by the following code?

Class Student{

Int marks;

}

Class topper:public student

{

int age;

topper(int age){this.age=age;}};

1. Encapsulation and Inheritance  
   b) Inheritance and polymorphism  
   c) Polymorphism  
   d) Inheritance

Ans:a

1. Which among the following can show polymorphism?  
   a) Overloading &&  
   b) Overloading <<  
   c) Overloading ||  
   d) Overloading +=

Ans:b

1. What is it called where child object gets killed if parent object is killed?  
   a) Aggregation  
   b) Composition  
   c) Encapsulation  
   d) Association

Ans:b

1. Method overriding is combination of inheritance and polymorphism?  
   a) True  
   b) false

Ans:a

7. How are java web applications packaged?  
a) jar  
b) war  
c) zip  
d) both jar and war

Ans:d

 8. Which of the below can be used to debug front end of a web application?  
a) Junit  
b) Fitnesse  
c) Firebug  
Ans:c) Firebug

10. What is the storage capacity of single cookie?  
a) 2048 MB  
b) 2048 bytes  
c) 4095 bytes  
d) 4095 MB

Ans:c

11. Servlet are used to program which component in a web application?  
a) client  
b) server  
c) tomcat  
d) applet

Ans:b

12. Given a class named student, which of the following is a valid constructor declaration for the class?

(a)   Student (student s)  {  }

(b) Student student ( ) {  }

(c)   Private final student ( ) {  }

(d) Void student (  )  {   }

Ans: a& b

13. Which three are valid declarations of a char?

1. char c1 = 064770; 2. char c2 = 'face'; 3. char c3 = 0xbeef;

4. char c4 = \u0022;

5. char c5 = '\iface'; 6. char c6 = '\uface';

a.) b.) c.) d.)

1, 3, 6 1, 2, 4 3, 5 5 only

Ans: a

14. Which one of the following is not a Java feature?  
a) Object-oriented  
b) Use of pointers  
c) Portable  
d) Dynamic and Extensible

Ans:b

16. What will be the output of the following Java code?

Class increment{

Public static void main(String args[])

{int a=3;

System.out.print(++a\*8);}}

a)32  
b) 33  
c) 24  
d) 25

Ans: a

17. What will be the error in the following Java code?

Byte b=50;

B=b\*50;

a) b cannot contain value 50  
b) b cannot contain value 100, limited by its range  
c) No error in this code  
d) \* operator has converted b \* 50 into int, which can not be converted to byte without casting

Ans: d

18)What is not the use of “this” keyword in Java?  
a) Referring to the instance variable when a local variable has the same name  
b) Passing itself to the method of the same class  
c) Passing itself to another method  
d) Calling another constructor in constructor chaining

Ans: b

19) Which statement is true about Java?  
a) Java is a sequence-dependent programming language  
b) Java is a code dependent programming language  
c) Java is a platform-dependent programming language  
d) Java is a platform-independent programming language

Ans:d

20) Which component is responsible to run java program?  
a) JVM  
b) JDK  
c) JIT  
d) JRE

Ans: d

) What is the output of the following code snippet?

Int I=0;

For(I=0;I<5;I++)

{}

System.out.println(I);

1. 5
2. 0
3. 4
4. Compilation Error

Ans: a

26). What will be the output of the following Java program?

1. class variable\_scope
2. {
3. public static void main(String args[])
4. {
5. int x;
6. x = 5;
7. {
   1. int y = 6;
   2. System.out.print(x + " " + y);
8. }
9. System.out.println(x + " " + y);
10. }
11. }

a) Compilation error

b) Runtime error

c) 5 6 5 6

d) 5 6 5

Ans: a

27).What will be the output of the following Java program?

class leftshift\_operator

{

public static void main(String args[])

{

byte x = 64; //x\*2n decimal =5 101 10=1010 40=101000

int i;

byte y;

i = x << 2;

y = (byte) (x << 2)

System.out.print(i + " " + y);

}

}

a) 0 256

b) 0 64

c) 256 0

d) 64 0

Ans: c

28) What will be the output of the following Java program?

class recursion

{

int func (int n)

{

int result;

if (n == 1)

return 1;

result = func (n - 1);

return result;

}

}

class Output

{

public static void main(String args[])

{

recursion obj = new recursion() ;

System.out.print(obj.func(5));

}

}

a) 1

b) 120

c) 0

d) None of the mentioned

Ans: a

29)What will be the output of the following Java program?

class output

{

public static void main(String args[])

{

StringBuffer s1 = new StringBuffer("Quiz");

StringBuffer s2 = s1.reverse();

System.out.println(s2);

}}

a) QuizziuQ

b) ziuQQuiz

c) Quiz

d) ziuQ

Ans: d

30). What will be the output of the following Java program?

import java.net.\*;

class networking

{

public static void main(String[] args) throws Exception

{

URL obj = new URL("https://www.sanfoundry.com/javamcq");

URLConnection obj1 = obj.openConnection();

int len = obj1.getContentLength();

System.out.print(len);

}

}

Note: Host URL is having length of content 127.

a) 127

b) 126

c) Runtime Error

d) Compilation Error

Ans: -1

31) What will be the output of the following Java program?

import java.util.\*;

class Collection\_iterators

{

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);

Collections.sort(list);

while(i.hasNext())

System.out.print(i.next() + " ");

}

}

a) 1 2 5 8

b) 2 1 8 5

c) 1 5 8 2

d) 2 8 5 1

Ans: a