1. **interface** B
{
       public void bM1();
       public void bM2();

}
abstract class A **implements** B
{
       public abstract void aM1();
       public abstract void aM2();
       public void bM1(){}

}

public class Demo **extends** A
{

}

In the above scenario class Demo must override which methods??

    a. **public void** aM2();
    b. **public void** bM2();
    c. **All the listed options**
    d. **public void** aM1();

ans:**C**

2.which of the following statements is incorrect about delegate?

a.Delegates are type-safe wrappers for function pointers.

b.Delegates can be shared.

c. Delegates is a value type

d.A single Delegate can invoke more than one method.

Ans: C

3.<pref.tag1>

<%=result%>

</pref.tag1>

4.Which of the following are valid for the <body-content> teg of tag1??

a.tad dependant

b.scriptlets

 c.Jsp d.empty   **Ans:b**

5.Iterator is having previous() method.

a.true

b.false

Ans:b

6.Inputstream is the class used for stream of characters

a.true

b.false

Ans:b

7.Which of the following statements is correct about the C#.NET program given below if a value "6"

Is input to it?

using System;

namespace IndiabixConsoleApplication

{

Class MyProgram

{

Static void Main(string args[])

{

Int index;

Int val=44;

Int[] a=new int[5];

Try

{

Console.Write("Enter a number");

Index=Convert.ToInt32(Console.ReadLine());

A(index)=val;

}

Catch(FormatException e)

Select one:

a.It will output:Index out of bounds Remaining Program

b. It will output:Bad Format

c. It will output: Bad Format Remaining program

d. It will output: Remaining program

9.During translation the scriplet code is copied inside:

a.Scriplet code gets no place in the generated servlet

b.the doGet() method of generated servlet

c.The init method of the generated servlet

d.The service method of generated servlet

10.Code to get the value of "address" request parameter is:

a.$(request address)

b.$(Value address)

c.$(param address)

11.Gen has written a JSP code in which he is calling the getMessage()

Function which is returning a value "hello world".You have to identity which code should

He use to get this?

Select one:

a. <html> <%String message="hello world",String getMessage() {return mesaage;}%> Message for you:<%=getMessage()%> </html>

b. b. <html> <%! String message="hello world",String getMessage() {return mesaage;}%> Message for you:<%=getMessage()%> </html>

c. c. <html> <%=String message="hello world",String getMessage() {return mesaage;}%> Message for you:<%=getMessage()%> </html>

d. d. <html> <%!String message="hello world",String getMessage() {return mesaage;}%> Message for you:<%!getMessage()%> </html>

12.Which method can be used to submit form data that should not be exposed for viewing?

a.GET

b.POST

c.PUT

d.REQUEST

13.What will be the output for the following code?

Public class VariableDec1{

Public static void main(String[] args)

{

Int I=32;

Char c=65;

Char a=c+I;

System.out.println(a);

}

Select one:

a.97

b.a

c.None of the listed options

14:what will be the output for the following code?

Class Super2{

Public void display()

{

System.out.println("super class display method");

}

Public void exe()

{

System.out.println("super class method");

Display();

}

Public class display()

{

System.out.println("sub class display method");

}

Public static void main(String[] args)

{

InheritMethod o=new InheritMethod();

o.exe();

}

}

Select one:

    a. Super class exe method sub class display method
    b. super class exe method superclass display method
    c. none of the listed options
    d. compilation error

15. what does the LOCAL argument in the DECALRE CURSOR statement denote?

Select one or more:

a. **Specifies that the cursor can be available only in the batch, procedure, or trigger in which the cursor was created**
b. Specifies that cursor can be available to all local resources
c. The LOCAL cursor will have to be explicitly deallocated when the batch, stored procedure, or trigger terminates
d. **The LOCAL cursor will be implicitly deallocated when the batch, stored procedure, or trigger terminates**

16: The result 10.967+"30.765" is_____

Select one:

a. **10.98730.765**
b. 10.987
c. 10.9873.765

17.Which of the following statements is true?

 Statement A:Arrays have a fixed upper bound, but nested tables are unbounded

Statement B: Second, arrays must have consecutive subscripts and nested tables are dense, but they can be sparse(have non-consecutive subscripts)

Select one:

a. Both statements are false.
b. **Both statements are false.**
c. Statement A is true and B is false.
d. Statement A is false and B is true.

18.which of the following statements are true?

a. Argument that uses params keyword must be last argument of variable list of a method.

b. Pass by Reference eliminates the overhead of copying large data items.

c. An argument passed to a ref parameter need not be initialized first.

d. Variable passed as out arguments need to be initialized prior to being passed.

Ans:a,b.

19) Consider the following code with line number given below.

Line 4: <%! int a=6; %>

Line 5:<% int b=8;%>

Line 6:<%=a*b;%>

Which of the following are true with respect to the above code segment?

a) Line 5 is invalid

b) Line 4 is invalid

c) Line 6 is invalid

d) it will compile successfully and print 48

Ans: c

20) What will be the output for following code

public class CompareStrings{

public static void main(String args[]){

if(*string * trim()=="string")

System.out.println("Both strings are equal");

else

System.out.println("Both Strings are not equal);

select one:

a) Strings cannot be compare using ==operator

b) compilation error

c) both strings are not equal

d) both strings are equal

Ans: d

21) Consider you are developing shopping cart application you have to store details of items purchased by the

   each customer in intermediate memory before storing purchase details in actual database permanently note that number of different items purchased by customer is not definite it may vary.

select one:

a) None of the listed options

b) implement using collection apis

c) Implement using Arrays

d) Implement using the apis

Ans: b

22) Select correct naming convention used during class declaration.

Select one or more:

a) Class name can be java valid keyword

b) class name starts with lower case

c) should be simple & descriptive

d) Class name should be nouns

Ans: C,D

23) which complex type specifies that the elements should always be in the order specified?

select one:

a) <xs complexType name="countrinfo"><xs:choice>

<xs:element name="CountryName" type="xs:String"/>

<xs:element name="Status" type="xs:integer"/>

<xs:choice></xs:complexType>

b) <xs complexType name="countrinfo"><xs:all>

<xs:element name="CountryName" type="xs:String"/>

<xs:element name="Status" type="xs:integer"/>

<xs:choice></xs:all><xs:complexType>

c) None of the listed options

d) <xs complexType name="countrinfo"><xs:sequence>

<xs:element name="CountryName" type="xs:String"/>

<xs:element name="Status" type="xs:integer"/>

<xs:sequence></xs:complexType>

Ans: d

24) which of the following statements are correct?

select one or more:

a) All objects created from a class will occupy equal number of

bytes in memory

b) A class is blue print or a template according to which objects are created.

c) Instance members of a class can be accessed only through an object of that class

d) A class can contain only instance data and instance member function.

Ans: a,b,c

25) Ronald has observed that is web application has some HTML tags or features that all the web browsers do not support. If the client browser does not support the application may or may not run or may generate undesired output in the web browser of the client. Therefore Ronald wants to identify the type of browser and other specific information about the client that sends the request to the web application before invoking the servlet. Which of the following options wil hel Ronald provide this functionality?

a.by programming filters

b.by implementing the listeners

c.by creating security constraints

d.by modifying the web deployment descriptor

answer=a.

26) which of the following assemblies can be stored in global assembly cache?

a.friend assemblies

b.public assemblies

c.shared assemblies

d.private assemblies

answer=c.

27) Culture & UIculture properties of a page class can have different culture values

a.true

b.false

answer=true.

28) how do you separate ASP.NET code from the user interface?

a.using user controls

b.using code-behind forms

c.using ASP.NET web pages

d.using Custom controls

answer=c.

29) <?xml version="1.0" encoding="UTF-8"?>

   <taglibxmlns=http://java.sun.com/xml/ns/j2ee

   Xmlns xsi=http://www.w3.org/2001/XMLSchema-instance

   Xsi:schemalocation="http://java.sun.com/xml/ns/j2eeweb-jsptaglibrary_2_0.xsd" version="2.0">

   <tlib-version>2.0< /tlib-version>

   <short-name>simpletagforlearning</short-name>

a…………………………………….

b.<%@taglib prefix="pre" url="testurl" %><html><head><title>Demo on helloworldCustomtag</title></head><h1><pre.helloworld/></h1></html>

c. <%@taglib prefix="pre" url="testurl" %><html><head><title>Demo on helloworldCustomtag</title></head><h1><helloworld"attrb"="john"/></h1></html>

d. <%@taglib prefix="pre" url="testurl" %><html><head><title>Demo on helloworldCustomtag</title></head><h1><pre.helloworldattrib="john"/></h1></html>

answer=a.

30) what is the significance of the @ Register directive in a ASP.NET web page?

a.the directive is used to register an application

b. the directive is used to register a user control

c. the directive is used to register a web site

d. the directive is used to register a web page

answer=b.

31. Which statements are true about large varchar?
Select one or more:
   a. A sql_variant cannot contain a large varchar data type
   b. Large varchar columns are the only columns that can be used as partitioning key columns

c.   Large varchar columns cannot be used as partitioning key columns

d.   Large varchar columns can be specified as a key column in an index

e.   A sql_char cannot contain a large varchar data type

Answer=a,d

32. What does the following code denote?

Public class Contact

{

        Public string Name{get,set;}

        Public string Email{get,set;}

        Public string Address{ get,set;}

}

Class Customer :Contact

{

        Public string Gender{get,set;}

        Public decimal Income{get,set;}

}

Select one:

a.   Overriding

b.   Encapsulation

c.   Inheritance

d.   Overloading

Answer= c

33. Public class Threads

{

Public static void main(String[] args)

{

        New Threads().go();

}

Public void go()

{

Runnable r=new Runnable();

{

Public void run()

{

System.out.print("Run");

}

};

Thread t=new Thread(r);

t.start();

t.start();

}

}

     a. Compilation fails

     b. An exception is thrown at runtime

     c. The code executes normally and prints "Run".

     d. The code executes normally, but nothing is printed.

Answer= b

34. What are the Tools & plug-ins commonly used in testing java application code?
Select one or more

     a. JUnit

     b. EMMA

     c. ANT

     d. Javascript

Answer= a, b

35. Which two statements about Packages are true?
Select one or more:

     a. A package is loaded into memory each time it is invoked.

     b. You can achieve information hiding by making package constructs private.

     c. You can pass parameters to packages

     d. Packages can be nested

     e. The contents of packages can be shared by many applications.

Answer=a,b,d,e

36. Mention some of the important functions of Servlets Filter
Select one or more

     a. None of the Listed options

     b. Security Checks

     c. Modify the request or response

     d. Allowing all the users.

Answer= b,c

37. which of the following is used to track number of active sessions or users?

Select one:

a.HttpSessionListener

b.ServletRequestListener

c. ServletRequestListener

d. .HttpSessionBindingListener

Answer= a

38.what will be the output for following code?

Public class Exe3

{

Public static void main(String[]args)

{

Try

{

int i=10;

int j=10;

return

}

Select one or more:

a.error

b.welcome

c.compilation error

d.None of the listed options

Answer=code missing

39.which of the following attributes of the page directive are invalid?

Select one:

a.Session

b.language

c.isELignored

d.isScriptingEnabled

Answer= all are valid attributes

40.what is the use of ServletConfig interface?

Select one:

a.A servlet configuration object used by a servlet container to pass information to a servlet during initialization.

b.All of the listed options

c.Defines an object to provide client request information to a servlet

d.The servletConfig object is contained within the servletContext object

Answer=a,c

The ServletContext object is contained within the ServletConfig object, which the Web server provides the servlet when the servlet is initialized.

41.which object of JSPholds reference to javax servlet.http.HttpSession object?

Select one:

a.pageContext

b.response

c.request

d.session

Answer=d

42.which of the following options can be used by the controller to destroy a session of a web application immediately?

Select one:

a.By setting the session-timeout parameter in the web.xml file to 1 minute

b.By using the destroy() method

c.By using the invalidate() method

d.By setting the setMaxinactiveinterval(0 method period to 60 seconds

Answer=c

43.How does SOAP enable creation and usage of web services?

Select one or more:

a) Enables messaging over HTTP
b) Uses standard means of describing data
c) Uses proprietary means of describing data
d) Provides a robust mechanism to send data & structure over the web.

Answer:a,b,d

44. What are the benefits of using a stored procedure?

Select one or more:

a) Efficient compilation
b) Reduced network traffic
c) Efficient reuse of code
d) Precompiled execution hence faster
e) The procedure can reside outside the SQL Server instance, hence manageable

Answer:a,b,c,d

45. Consider you are maintaining ABC company database. ABC company database tables are accessed by 1000 users initially when it was designed from last two years there was tremendous increase in number records count also number of users who are accessing the database are reporting problem that query processing is taking more time when they execute query against the database tables. What will the right solution you will suggest in such scenarios in order to increase database query performance?

Select one:

a) Create index
b) Create Function
c) Create Trigger
d) Create Stored Procedure

Answer:d

45. Given that URL-rewriting must be used for session management,identify the query string attribute used when URL-rewriting

Select one:

a) Isessionid
b) Containerid
c) Servletid
d) Sessionid

Answer:a

47. Consider Vijay is developing a web application. Which method he can use to get a collection of elements of same type (for example paragraph tags) in Java Script?

Select one:

a) getElementById()
b) getElementByName()
c) None of the Listed options
d) getElementsByTagName()

   Answer:d

48. JAXP Stands for

Select one:

a) Java API for XML Processing
b) Java API extensive processing
c) Java API extensible processing
d) None of the listed options
   Answer:a

49. what does the following code denote?

Var orderedCustomers=from customer in Customers where customer.Grade=="Premium" orderby customer Name select customer.Name;

Select one or more

a. The following code shows the syntax for ordering data

b. The following code is an example of LINQ query

c. The following code is an example of Database query

d. The following code shows the syntax of Filtering data

50.Which statements about JDBC are true?

Select one or more

a. JDBC has 5 types of drivers

b. JDBC is an API to access relational databases,spreadsheets and flat files

c.JDBC stands for java Database Connectivity

d. JDBC is an API to bridge the object-relational mismatch between OO programs and relational databases

52.select two runtime exceptions

(choose two)

Select one or more

a.FileNotFoundException

b.IOException

c.NullPointerException

d.ArrayIndexOutOfBoundException

e.SQLException

53.Manoj has created the Hello Servlet that displays Welcome in the browser window.The code of the servlet is:

Package myworld;

inport java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.servletConfig;

import javax.servlet.servletException;

import javax.servlet.servlet.http.HttpServlet;

import javax.servlet.servlet.http.HttpServletRequest;

import javax.servlet.servlet.http.HttpServletResponse;

public class hello extends HttpHttpServlet

{

Protected void doGet(HttpServletRequest request, HttpServletResponse response)throws ServletException IoException

{

```
PrintWriter  out=response.getWriter);

Out.println(("<html>");

Out.println(("<head>");

Out.println(("<title>My Servlet</title>");

Out.println(("</head>");

Out.println(("<body>");

Out.println(("<h>welcome</h>");

Out.println(("</body>");

Out.println(("</html>");

}

}
```

54.Which of the following code snippets correctly defines the deployment descriptor

For the preceding servlet?

Select one

a. <servlet><servlet-name>hello</servlet-name><servlet-class>hello</servlet-class></servlet><servlet-mapping><servlet-name>hello</ servlet-name><url-pattern>/hello</ url-pattern></ servlet-mapping>

b. <servlet><servlet-name>hello</servlet-name><servlet-class>myworld hello</servlet-class></servlet><servlet-mapping><servlet-name>hello</ servlet-name><url-pattern>/hello</ url-pattern></ servlet-mapping>

c.<servlet><servlet-name> myworld hello </servlet-name><servlet-class>hello</servlet-class></servlet><servlet-mapping><servlet-name>hello</ servlet-name><url-pattern>/hello</ url-pattern></ servlet-mapping>

d. <servlet><servlet-name>hello </servlet-name><servlet-class>myworldhello</servlet-class></servlet><servlet-mapping><servlet-name>hello</ servlet-name><url-pattern>/hello</ url-pattern></ servlet-mapping>

55)Consider you are developing an ATM application for ABC bank using java application. Several account holders of ABC bank have opted for add-on cards. There is a chance that two users may access the same account at same time and do transaction simultaneously knowningly or unknowingly from different ATM machine from same or different bank branches. As developer you have to ensure that

when on user login to account until he finishers his transaction account should be locked to other users who are trying access the same account. How do you implement given requirement programmatically using java?

a.using thread synchronization

b.none of the listed options

c.using object deserialization

d.using object serialization.

Answer=a.

55) which statements are true about hast tables?

a.the value can be the null reference

b.the value cannot be the null reference

c.the key can be the null reference

d.the key cannot be the null reference.

Answer=b,d.

56.Views are apowerful mechanism for customizing the way ypur data is presented to users.They can be used to enhance security and streamline table relationships.View that create static results can still be modified using _____,which allow you to define how the underlying tables are modified ensuring your data integrity.

a.Triggers

b.Functions

c.None of the listed options

d.Cursors

e.Stored Procedure

57) consider you are creating a cursor. Choose the correct sequence of steps to work with the cursors?

a.open,fetch,close

b.decline,open,fetch,close

c.declare,fetch,openfetch

d.open,declare,fetchclsoe

e.declare,open,fetch,close

answer=e.

58.what will be the output for the following code?

Public MethodOverloading{

Int m=10,n;

Public void div(int a) throws Exception{

N=m/a;

System.out.println(n);

}

Public void div(int a,int b){

N=a/b;

}

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

{

MethodOverloading o=new MethodOverloading();

o.div(0);

o.div(10,2);

}

}

Select one:

a.   **It will give Arithmetic Exception**
b.   None of the listed options
c.   It will print Arithmetic Exception and print 5
d.   It will print 5

59) please select the correct statement with respect to including javaScript in HTML pages.

a.JavaScript can be written inside the page body

b.all the listed options

c.java script can be written as an external file and imported to the page

d.JavaScript can be written inside the header

answer=b.

60) which JSTL code snippet can be used to perform URL rewriting?

select one:

a) < a href='<c:link url='cognizant.jsp'/>'/>

b) < a href='<c:link value='cognizant.jsp'/>'/>

c) < a href='<c:link value='cognizant.jsp'/>'/>

answer=c.