

1.You are developing dynamic web application using JSP. Which attribute of page directive specifies the list of classes imported in JSP file?

a. session

b.extends

c.import

d.language

2.Consider the following statements:

Statement A: The Prepared Statement object enables you to execute parameterized queries

Statement B: The SQL query can use the placeholders which are replaced by the INPUT parameters at runtime

Which of the following options is True with respect to the above statements?

Select One:

a. Statement A is true and Statement B is False

b. Statement A is false and Statement B is True

c. Both statements A and B are False.

d. Both Statement A and Statement B are True

3.DIV tag creates linebreaks similar to paragraph tags

a.True

b.False

4.What is the syntax of Expression Language in a JSP Page?

a.\${“expr”}

b.#{expr}

c.\$ {expr}

d.\$[expr]

5. which of the following keywords ensures that a method cannot be overridden?

a. protected

b. static

c. abstract

d. final

6. what will be the output for following code?

```
Public class Compare
```

```
{
```

```
public static void main(String[] args)
```

```
{
```

```
String s=new String("abc");
```

```
String s1=new String("abc");
```

```
System.out.println(s.compareTo(s1));
```

```
}
```

```
}
```

Select one:

a. True

b. False

c. none

d. zero{0}

```
}
```

7. when comparable interface is used which method should be overridden?

Select one:

- a. **compareTo**
- b. comparator
- c. compareToWith
- d. compare

8. Request implicit object is which of the following type?

- a. **HttpServletRequest**
- b. HttpRequest
- c. ServletRequest
- d. ServletHttpRequest

9. variables in javascript should be declared with datatypes?

Select True or False:

- a. True
- b. **False**

10. what will be the output of the following code snippet?

```
<% page language="java"%>

<html>

<head></head>

<body>

<% java.util.Date now=new java.util.Date();%>

<H1><%=now.getHours()%><%=now.getMinutes()%><%=now.getSeconds()%></H1>

</body>

</html>
```

Select one:

- a. It will display the date and time;
- b. It will display the date as mm: dd:yy;
- c. It will display the current time as hh:mm:ss.
- d. It will display the current time as hh/mm/ss.

11) Consider Vijay is developing a webpage using html. Which method he can use for sending large amount of data on submitting the form?

I-post

II-Get

Select one

- a- II
- b- both I&II
- c- non of the listed options

d-I

12) Whenever a request goes from client to server some additional information other than the request is also passed to the server. The additional information is in the form of a _____.

- a-application id
- b-session id

c-header

d-footer

14) Which of the following is not an attribute of meta tag?

Select one:

- a. name
- b. value
- c. http-equiv
- d. content

15) which of the following variable represents the uncaught throwable object that resulted from a call to error page.

a-Exception

b-request

c-application

d-Config

Q.16. Under which two circumstances do you design database triggers?

select one or more:

a.) to guarantee that when a specific operation is performed, related actions are performed.

b.) for centralized, global operations that should be fired for the triggering statement, regardless of which user or application issues the statement.

c.) to replicate built-in constraints in the oracle server such as primary key and foreign key.

d.) to duplicate the functionality of other triggers.

Ans: a,b.

Q.17.what will be the output for the following code:

```
Import java.util.*;
```

```
Public class StringTokens
```

```
{
```

```
Public static void main(String[]args)
```

```
{
```

```
String s="India is a\n developing country";
```

```
StringTokenizer o=new StringTokenizer(s);
```

```
System.out.println(o.CountTokens());
```

```
}
```

```
}
```

Select one:

a.None of the listed options

b.5

c.4

d.6

ans: b

Q18. What will be the output of the following code?

Try

{

System.out.println("Executing try");

}

System.out.println("After try");

Catch(Exception ex)

{

System.out.println("Executing catch");

}

Select one :

a.Executing try Runtime Exception.

b. Runtime Exception

c.Executing try after try executing catch

d.Compile Time Exception

ans: d

Q19.Given a Filter class definition with this method:

21.public void doFilter(ServletRequest request,

22.ServletResponse response,

23.FilterChain chain)

24.throws ServletException,IOException{

25.//insert code here

26.}

Which should you insert at line 25 to properly invoke the next filter in the chain or the target servlet

If there are no more filters?

Select one:

a.request.forward(request,response);

b.request.doFilter(request,response);

c.chain.doFilter(request,response);

d.chain.forward(request,response);

ans: d

Q20.A filter configuration object used by a servlet container to pass information to a filter

during initialization.

State True or False:

a.True

b.False.

ans: a

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. How do you implement given

requirement using java considering best performance of the application?

Select one:

a.) None of the listed options

b.) Implement using file API's

c.) Implement using Collection API's.

d.) Implement using Arrays

Ans--> c

22.) What is the use of attributes in HTML tags?

Select one:

a.) Attribute is a type of tag

b.) None of the listed options

c.) Provides additional behaviour to the tag

d.) Which represents the content to be displayed in the page

Ans--> c

23.) In which of these following `getAttribute()` and `setAttribute()` method has defined?

Select one or more:

a.) `HttpSession`

b.) `ServletResponse`

c.) `HttpListener`

d.) `ServletRequest`

Ans--> a,d

24.) XYZ company database has Customer personal information View table using which customer can update their personal information like address, phone number fields when user updates address and phone number fields in view table. We

need to take care of updating address and phone number fields in underlying database base table automatically. What right solution do you suggest to implement this requirement?

Select one:

- a.) Implement using triggers
- b.) Implement using Stored Procedures
- c.) Implement using Cursors
- d.) Implement using functions

Ans--> a

25.) Which of the following options represents the presentation logic to provide the data of the model in the MVC design pattern

Select one:

- a.) View
- b.) Model
- c.) Controller
- d.) Connector

Ans--> a

26)In thread implementation making thread synchronized is always better in order to increase performance rather than using synchronize block of statements written in java inside the method.

a) true b)false

SOL: True.

27)which of the following code will destroy the session.

- a)session.isnew(false);
- b)session.isalive=false;

c) `session.Removesession();`

d) `session.invalidate();`

SOL: D.

28)

29) what will be the output of the below query?

```
select instr('My sql world','a') from dual;
```

a) prints 14;

b) prints -1;

c) prints 6;

d) prints 0;

e) query contains error.

SOL:D

30)what is the correct syntax for the declaration which defines the xml version?

select one

a) <?XML version ="1.0"?>

b) <xml version="1.0"/>

c) none of the listed options.

d)<?XML version="1.0"/>

sol:A

31.What a will be the output of the following java script code when the button is clicked.

```
<body>

<script type="text/javascript">

Function displaymessage(){

Document.write("displaying message by using javascript");}

</Script >

<buttin type="button" onclick="DISPLAYMESSAGE()">

Displaymessage

</button>

</body>
```

Select one :

- a)none of the listed options
- b)it will display some error message on browser
- c)it will not print the message(**ANSWER**)
- d)it willprint the message"displaying message by using javascript"

32.Which statement creates documentbuilderfactory instance

- a)documentbuilderfactory f= new documentbuilderfactory();
- b)documentbuilderfactory f= builderfactory.new instance();
- c)document builderfactory f= documentbuilderfactory.new instance(**ANSWER**)
- d)None of the listed options

33)Which of the following is the deployment descriptor file of a web application?Assuming that the name of the web application is BankApp

- a)BankApp.XML
- b)WebApp.xml
- c)Web.xml(**ANSWER**)

d)deployment.xml

34.<pref.tag1>

<%=result%>

</pref.tag1>

Which of the following are valid for the<body-content> tag of tag1?

Select one:

a)JSP

b)Scriptless(**ANSWER**)

c)Tag dependent

d)empty

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

```
Public class while{
```

```
Static int I;
```

```
Public static void main(string[]args){
```

```
System.out.println(i);
```

```
While(i<=5){
```

```
I++;
```

```
}
```

```
System.out.println(i);
```

```
}
```

```
}
```

Select one

a)0,6

b)6,0

c)Compilation error(**ANSWER**)

d)0,5

36)Consider you are developing a jdbc application where you have to retrieve employee table schema information like table coloumns name,colulmn's field length and data type etc.Which api you will use to retirive table schema information

a)data source

b)resultset metadata(**ANSWER**)

c)resultset

d) statement

37.Select the benefits of versioning the software in java application development

Select one or more

a)Formatiing

b)Winzip

c)backup and restore

d)branching and merging

e)synchronization

38.Which complex type signifies that only one of the child elements can appear

Select one

a)none of the listed options

b)<xs:complex type name="countrinfo"><xs:all><xs:element name="countryname" type="xs:string"/><xs:element name="states" type="xs:integer"/></xs:all></xs:complexType>

c)<xs:complex type name="countrinfo"><xs:sequence><xs:element name="countryname" type="xs:string"/><xs:element name="states" type="xs:integer"/></xs: sequence></xs:complexType>(**ANSWER**)

d)<xs:complex type name="countrinfo"><xs:choice><xs:element name="countryname" type="xs:string"/><xs:element name="states" type="xs:integer"/></xs: choice></xs:complexType>

39.Which parser reads small chunk of document at a time, parses it, generates an event and then reads another chunk of document.

Select one

a)SAX(**ANSWER**)

b)None of the listed options

c)XML

d)DOM

40.How can you force garbage collection of an object

1.garbage collection cannot be forced

2.call system.gc()

3.call runtime.gc()

4.set all references to the object to new values (null,forexample)

a)1(**ANSWER**)

b)4

c)2

d)3

41.You are developing a trigger which should ensure that no negative value is inserted in employee table's Age column. You have created a trigger as follows

Create or replace trigger age verify

Before insert

On employee for each row

When(new.Empage<0)

Begin

Raise_application_error(-20000,'no negative age allowed')

End;

/

Identify error if any in the above trigger and give the solution

Select one

a) replacing Raise_application_error(-20000,'no negative age allowed'); (**ANSWER**)

to Raise_application_error(-20000,"no negative age allowed"); will give the desired output

b) replacing Raise_application_error(-20000,'no negative age allowed');

to Raise_applications_error(-20000,"no negative age allowed"); will give the desired output

c)) replacing Raise_application_error(-20000,'no negative age allowed');

to Raise_applications_error(-20000,'no negative age allowed'); will give the desired output

d) No problem in the trigger , it gives the desired result.

e) The order of arguments passed to raise_application_error is wrong

42.InputStream is a class used for stream of characters

State true or False

a) TRUE

b) FALSE(**ANSWER**)

43.XYZ company database has sales table which captures all department sales information. You have been asked to create department wise summarize total sales report from sales table .

Which of the following correct option will fetch you meaningful result

Select one

a) use aggregate function along with groupby clause in query to retrieve result(**ANSWER**)

b) use aggregatefunction along with order by clause in query to retrieve result

c) none of the listed options

d) use aggregatefunction along with where clause in query to retrieve result

44.how to drop all tables from recycle bin

- a)cannot drop table from recycle bin
- b)purge dba_recycle bin
- c)drop dba_recycle bin
- d)drop all_table_recycle bin
- e)purge recycle bin(**ANSWER**)

45.TagSupport and BodyTagSupport classes are present in which package

- a)javax.servlet.jsp.tag.ext
- b)java.servlet.jsp.tagext
- c) javax.servlet.jsp.tagext(**ANSWER**)
- d)javax.servlet.jsp.tag

46. Which method removes the attribute with the given name from the Servlet Context interface?

- a.**void removeAttribute(String name)**
- b. void flushAttribute(String name)
- c. void clearAttribute(String name)
- d. void removeAttribute(Object name)

47. Try can be followed with either catch or finally

- a.true
- b.false**

Q48.As per Java class names should be nouns,in mixed case with the first letter of each internal word capitalized.

Try to keep your class names simple and descriptive.

State true or false.

Select one:

- a.True**
- b.False

ans: a

Q49. Public class MethodSigExample

```
{  
Public int test(String s,int i)  
  
{  
Int x=i+s.length();  
  
Return x;  
  
}  
}
```

During refactoring method signature can be changed using the option:

Select one:

a.Refactor>Change Method Signature

b.Refactor>move

c.Refactor>Extract method

d.Refactor>move method

50.) SELECT

e.EMPLOYEE_ID,e.LAST_NAME,e.DEPARTMENT_ID,d.DEPARTMENT_NAME

FROM EMP e, DEPARTMENT d WHERE

e.DEPARTMENT_ID=d.DEPARTMENT_ID;

In the statement, which capabilities of a SELECT statement are performed?

Select one:

a.) Insertion, Projection, Join

- b.) Selection, Insertion, Join
- c.) Selection, Projection, Join
- d.) Difference, Projection, Join

Ans--> c

51.) Which of the following statements are true?

Statement A: Index by Table is Also known as associative arrays. It lets you to look up elements using arbitrary numbers

and strings for subscript values.

Statement B: Nested tables hold an arbitrary number of elements. They use sequential numbers as subscripts.

Select one:

- a.) Statement A is True and B is False.
- b.) Both statements A and B are True.
- c.) Both statements A and B are False.
- d.) Statement A is False and B is True.

Ans--> c

52) A web application developed for an institution requires insertion of a header file comprising the logo

and institution name. I identify the correct Jsp tag from the options given below to add the logo and institution name

to all pages of the web application.

Select one:

a) `<jsp:forward page="Header.html">`

b) `<form method="post" action="Header.html">`

c) `<% @include file="Header.html"%>`

d) `<% page import="Header.html"%>`

sol: C

53)select the advantages of using code conventions in java application devolepment.

select one:

a) improves easy understanding

b)all the listed options.

c)improves easy maintainence.

d)improves readability of software.

sol: B

55.Which attribute of the page directive indicates that the jsp engine can handle more than request at a time when its value is set to true

Select one

a)extends

b)isthreadsafe(**ANSWER**)

c)autoflush

d)info

56)When one method is overridden in sub class the access specifier of the method in sub class should be equal as method in super class.

State True or False.

Select one:

a-True

b-False

57) Which two statements are true?

Select one or more:

a. Deadlocked threads release once their sleep()methods sleep duration has expired .

b. If a piece of code is capable of deadlocking, you cannot eliminate the possibility of deadlocking by inserting invocation of Thread.yield().

c. It is possible for more than two threads to deadlock at once.

d. The JVM implementation guarantees that multiple threads cannot enter into a deadlocked state

58) How to divide the page into two rows when we are using frameset?

Select one:

a. By using rows=50%,50%

b. By using cols=50%,50%

c. By using rowspan

d. By using colspan

60)XYZ Company database tables are accessed by several users but few users want to do positional row updates or deletes. Operation on databases tables based on business requirement. What will the right solution you will implement in such scenario.

Select one.

a. Use Views

b.. Use database Trigger

c. Use database indexes

d. use cursers