Carefully read the question and answer accordingly.

State TRUE or FALSE.
line 1: public class Test {
line 2: public static void main(String[] args) {
line 3: Queue queue = new LinkedList();
line 4:   queue.add("Hello");
line 5:   queue.add("World");
line 6:   List list = new ArrayList(queue);
line 7: System.out.println(list); }
line 8: }
Above code will give run time error at line number
3. FALSE

Identify the different actions which are generally
 used while integrating JavaBeans with JSP?

<jsp:useBean><jsp:setProperty> and <jsp:getProperty
>

<jsp:useBean> and <jsp:include>

<jsp:setProperty> <jsp:getProperty> and <jsp:forwar
d>

<jsp:useBean> and <jsp:plugin>
Mohanta, Priyanka (Cognizant) ?10:06 AM?:

1st option
Dey, Shatabdi (Cognizant) ?10:12 AM?:

 Carefully read the question and answer accordingly
.
Which of the following is true with respect to code
 given below?
import java.sql.*;
public class OracleDemo
{
 public static void main(String [] args) throws SQL
Exception,ClassNotFoundException
 {

```
   Class.forName("oracle.jdbc.driver.OracleDriver");

   Connection con=DriverManager.getConnection("jdbc
:oracle:thin:@PC188681:1521:training","scott","tig
er");
   Statement stmt=con.createStatement();
   ResultSet rs=stmt.executeQuery("SELECT * FROM Per
son");
   while(rs.next())
   {
    System.out.println(rs.getString("column1"));

   }
  }
}
```

The code will not compile as no try catch block spe
cified

The code will display all values in column named co
lumn1

Class.forName must be mentioned after Connection st
atement

"SELE

T * FROM Person" query must be passed as parameter
to con.createStatement()

Mohanta, Priyanka (Cognizant) ?10:17 AM?:

1
Dey, Shatabdi (Cognizant) ?10:19 AM?:

Which statements are true about IN parameter?

IN Parameter is the default parameter.

IN Parameter value should be passed to the procedur
e for processing.

The same parameter will serve as input and output.

The IN parameter is a variable whose value will change in the invoked procedure.
Mohanta, Priyanka (Cognizant) ?10:24 AM?:

1,2,4
Dey, Shatabdi (Cognizant) ?10:25 AM?:

Which of the following statements are true?
1.A collection is an ordered group of elements, all of the same type
2.Each element in collection has a unique subscript that determines its position in the collection.
3.A collection is a ordered group of elements of different types
4.Records are composite types that have internal components that can be manipulated individually
5.Nested Table is also known as associative arrays

1&2

1&2&3

1&3&4

1&2&4

1&3&5
Mohanta, Priyanka (Cognizant) ?10:27 AM?:

1,2,4

waala option

While architecting a system, if "minimum down time" is the primary expected behavior of the system, the system architecture should be based on ------ -------------

Firewall

<mark>Cluster</mark>

Application Servers

Proxy Server

Sam is writing a web application program. He has implemented ServletContextListener interface in his web application program. Which method of ServletContextListener interface he should use to perform startup activities for web application?

init()

initiateContext()

<mark>contextInitialized()</mark>

start()
Mohanta, Priyanka (Cognizant) ?10:45 AM?:

3

context initialized

Carefully read the question and answer accordingly.

State whether TRUE or FALSE.
The below code will compile &   provide desired output:
```
package p1;
interface Bounceable {
 void bounce();
 void setBounceFactor(int bf);
 private class BusinessLogic
 {
  int var1;
  float var2;
  double result(int var1,float var2){
   return var1*var2;
```

```
   }
  }
 }
}
class Test {
 public static void main(String[] args) {
   System.out.println(new Bounceable.BusinessLogic()
.result(12,12345.22F));
  }
 }
}
```

TRUE

<mark>FALSE</mark>
<mark>Ans- false</mark>

Data can be passed to the function ____

<mark>by value</mark>

by reference

Both by value & reference

none of these
Mohanta, Priyanka (Cognizant) ?10:58 AM?:

both by value & reference
Dey, Shatabdi (Cognizant) ?10:58 AM?:

Garbage collector thread is a daemon thread.
State True or False.

<mark>TRUE</mark>

FALSE
Mohanta, Priyanka (Cognizant) ?10:58 AM?:

true
Dey, Shatabdi (Cognizant) ?10:59 AM?:

Which tag creates containers to other HTML tags/ele
ments?

I: <mark>DIV</mark>
II: <mark>SPAN</mark>

I

II

Both I & II

None of the listed options
Mohanta, Priyanka (Cognizant) ?11:00 AM?:

both I & II

ï»¿[â€Ž9/â€Ž19/â€Ž2015 9:41 AM] Kumar, Pushpraj (Co
gnizant):
is it valid to place some code in between try and c
atch blocks.

TRUE

<mark>FALSE</mark>
[â€Ž9/â€Ž19/â€Ž2015 9:41 AM] Kumar, Pritam (Cogniza
nt):
false

[â€Ž9/â€Ž19/â€Ž2015 9:41 AM] Kumar, Pushpraj (Cogni
zant):
BufferedWriter constructor CAN ACCEPT Filewriter Ob
ject as a parameter.
State True or False.

<mark>TRUE</mark>

FALSE
[â€Ž9/â€Ž19/â€Ž2015 9:41 AM] Kumar, Pritam (Cogniza
nt):
true

[9/19/2015 9:45 AM] Kumar, Pushpraj (Cognizant):
Which method executes an SQL statement that may return multiple results?

executeUpdate()

executeQuery()

==execute()==

noexecute()

[9/19/2015 9:48 AM] Kumar, Pritam (Cognizant):
executeQuery()

[9/19/2015 9:48 AM] Kumar, Pushpraj (Cognizant):
Which of the below is invalid state of thread?

Runnable

Running

Dead

Blocked

==Stop==
[9/19/2015 9:49 AM] Kumar, Pritam (Cognizant):
running

[â€Ž9/â€Ž19/â€Ž2015 9:51 AM] Kumar, Pushpraj (Cogni zant):
Which of the following is not an attribute of meta tag?

content

name

value

http-equiv
[â€Ž9/â€Ž19/â€Ž2015 9:51 AM] Kumar, Pritam (Cogniza nt):
value

[â€Ž9/â€Ž19/â€Ž2015 9:54 AM] Kumar, Pushpraj (Cogni zant):
Which tag is used to include multiple HTML pages in single page?

frame

frameset

frames

None of the listed options

[â€Ž9/â€Ž19/â€Ž2015 10:06 AM] Kumar, Pushpraj (Cogn izant):
Which of the following is valid _jspService() metho d signature?

private void _jspService(HttpServletRequest reques t, HttpServletResponse response)throws ServletExce

```
ption, java.io.IOException
```

```
public void _jspService(HttpServletRequest request
, HttpServletResponse response)throws ServletExcep
tion

public void _jspService(HttpServletRequest request
, HttpServletResponse response)throws java.io.IOEx
ception
```

Lisa is a systems programmer at ABC Consultants. She has written an application to accept student marks in the variable marks. If the student has scored marks greater than 60. She needs to forward the control of the program to another file called as "Ex.jsp" else the control should be forwarded to a file called as "Av.jsp".
Which of the following code snippets should she use for checking this condition and forward control?

```
<% if(Integer.parseInt(request.getParameter("marks
"))>=60) { %> <jsp:forward page="Ex.jsp" /> <% } e
lse { %> <jsp:forward page="Av.jsp" /> <% } %>
```

```
<% if (request.retrieveParameter("marks"))>=60) {
%> <jsp:moveforward page="Ex.jsp"> </jsp:forward>
<% } else { %> <jsp:moveforward page="Av.jsp"> </j
sp:forward> <% } %>
```

```
<% if (request.getParameter("marks"))>=6
```
[‎9/‎19/‎2015 10:10 AM] Kumar, Pritam (Cogniz
ant):
[‎9/‎19/‎2015 10:08 AM] Ranjan, Kumar Alok (C
ognizant):
ans:--- public void _jspService(HttpServletRequest
request, HttpServletResponse response)throws Serv
letException, java.io.IOException

public void wala

Consider you are developing web application. Which of the following option is a valid in JSP for im porting the package?

<%@ page import="java.util.*" %>

<%@ page session="true*" %>

<%@ include import="java.util.*" %>

<%@ include autoFlush="java.util.*" %>

<%@ page import="java.util.*" %>

[â€Ž9/â€Ž19/â€Ž2015 10:18 AM] Kumar, Pushpraj (Cognizant):
General Syntax for coding exception
DECLARE
Declaration Section
BEGIN
Exception Section
When ex_name 1 THEN
Error handling Statements
When Others THEN
Error handling Statements
When ex_name 1 THEN
Error handling Statements
END;

TRUE

FALSE
[â€Ž9/â€Ž19/â€Ž2015 10:20 AM] Kumar, Pritam (Cognizant):

true

[â€Ž9/â€Ž19/â€Ž2015 10:21 AM] Kumar, Pushpraj (Cogn
izant):
The functions used in SQL statements should not
use OUT or IN OUT mode parameters

TRUE

FALSE
[â€Ž9/â€Ž19/â€Ž2015 10:22 AM] Kumar, Pritam (Cogniz
ant):
true

[â€Ž9/â€Ž19/â€Ž2015 10:23 AM] Kumar, Pushpraj (Cogn
izant):
Statement A:Listener process scans for connection r
equests to an Oracle Instance
Statement B:Listener process links up a dispatcher
process to user process.
which of the following is true?

Both Statements A and B are true

Statement A is true and Statement B is false

Statement A is false and Statement B is true

Both Statements A and B are false

[â€Ž9/â€Ž19/â€Ž2015 10:25 AM] Kumar, Pritam (Cogniz
ant):
Both Statements A and B are true

[â€Ž9/â€Ž19/â€Ž2015 10:25 AM] Kumar, Pushpraj (Cognizant):
What will be the output of the below query?
select to_CHAR(sysdate+(10/1400),'HH:MI:SS') from dual;

adds 10 seconds to the current Timestamp

adds 10 minutes to the current Timestamp

adds 10 days to the current Timestamp

query contains error

date functions cannot be converted into char

[â€Ž9/â€Ž19/â€Ž2015 10:26 AM] Kumar, Pritam (Cognizant):
adds 10 minutes to the current Timestamp

Ronald has observed that his Web application has some HTML tags or features that all the Web browsers do not support. If the client's 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 will help Ronald provide this functionality?

By programming filters

By creating security constraints

By modifying the web deployment descriptor

By implementing the Listeners

[‎9/‎19/‎2015 10:30 AM] Kumar, Pritam (Cognizant):
By programming filters

[‎9/‎19/‎2015 10:33 AM] Kumar, Pushpraj (Cognizant):
If 1000 users are accessing SampleServlet how many actual object of servlets exist in web container?

1000

1

10

0

[‎9/‎19/‎2015 10:33 AM] Kumar, Pritam (Cognizant):
1

Sam is writing a web application program. He has implemented ServletContextListener interface in his web application program. Which method of ServletContextListener interface he should use to perform startup activities for web application?

init()

initiateContext()

contextInitialized()

start()

contextInitialized()
[â€Ž9/â€Ž19/â€Ž2015 10:35 AM] Kumar, Pushpraj (Cogn
izant):
Consider the following code snippet:
ServletContext sc = this.getServletContext();
RequestDispatcher dis = sc.getRequestDispatcher("/m
enu.jsp");
if (dis != null){
dis.include(request, response);
}
PrintWriter out = response.getWriter();
out.print("Output after menu.jsp");

Which one of the following will be the correct outc
ome when the above lines are executed?

Compilation and output of the contents of menu.jsp
only

==Compilation and output of the contents of menu.jsp==
==followed by "Output after menu.jsp"==

Compilation error

Compilation, but runtime error, the buffer has been
 flushed

[â€Ž9/â€Ž19/â€Ž2015 10:41 AM] Kumar, Pritam (Cogniz
ant):
Compilation, but runtime error, the buffer has been
 flushed

Mark is developing a web based application. The ho
me page is a servlet that accepts the user name an
d password. Mark does not want the user to enter t

he username every time he logs into the website. H
e wants to find a way to store the value on the us
er's machine. Which method should he use so that t
he value gets stored on the user's machine?

getCookie()

addCookie()

addSession()

getSession()

[â€Ž9/â€Ž19/â€Ž2015 10:44 AM] Kumar, Pritam (Cogniz
ant):
addCookie

[â€Ž9/â€Ž19/â€Ž2015 10:45 AM] Kumar, Pushpraj (Cogn
izant):
Which complex type signifies that only one of the c
hild elements can appear?

<xs:complexType name="CountrInfo"><xs:all> <xs:ele
ment name="countryName" type="xs:String"/> <xs:ele
ment name="states" type="xs:integer"/></xs:all></x
s:complexType>

<xs:complexType name="CountrInfo"><xs:choice> <xs:
element name="countryName" type="xs:String"/> <xs:
element name="states" type="xs:integer"/></xs:choi
ce></xs:complexType>

<xs:complexType name="CountrInfo"><xs:Sequence> <x
s:element name="countryName" type="xs:String"/> <x
s:element name="states" type="xs:integer"/></xs:Se
quence></xs:complexType>

None of the listed options

[‎9/‎19/‎2015 10:47 AM] Kumar, Pritam (Cogniz
ant):
<xs:complexType name="CountrInfo"><xs:choice> <xs:
element name="countryName" type="xs:String"/> <xs:
element name="states" type="xs:integer"/></xs:choi
ce></xs:complexType>

Consider the following code snippet:
    String thought = "Green";
    StringBuffer bufferedThought = new StringBuffer(
thought);
    String secondThought = bufferedThought.toString(
);
    System.out.println(thought == secondThought);
Which of the following option gives the output of t
he above code snippet?

TRUE

FALSE

[‎9/‎19/‎2015 10:49 AM] Kumar, Pritam (Cogniz
ant):
true h

[‎9/‎19/‎2015 10:49 AM] Kumar, Pushpraj (Cogn
izant):
Any text that should not be parsed by the xml parse
r needs to declare as:
I: PCDATA
II: CDATA

I

II

Both I & II

None of the listed options

[9/19/2015 10:54 AM] Kumar, Pritam (Cogniz
ant):
II cdata is the answer

A good designed application should have " tight cou
pling and low cohesion"

TRUE

FALSE

[9/19/2015 10:51 AM] Kumar, Pushpraj (Cogn
izant):
Examine the PL/SQL Block
declare
result Number;
num1 Number:=&number1;
num2 Number:=&number2;
begin
select num1/num2 into result from dual;
dbms_output.put_line('Result is '||result);
exception
when ZEROS_DIVIDE then
dbms_output.put_line('Exception Occurred Divide by
Zero');
end;
/
What will be the output of the above code when use
r passes the value for NUM1 as 0 and NUM2 as 10

Exception Occurred Divide by Zero

Result is 10

Result is 0

Compilation fails

ans:-- Result is 0

Compiles successfully and terminates the program due to an Exception

[â€Ž9/â€Ž19/â€Ž2015 10:58 AM] Kumar, Pushpraj (Cognizant):
Which code assign null to all the fields in the record
emp_info?

DECLARE TYPE EmpRec IS RECORD (emp_id emp.empno%TYPE, job_title VARCHAR2(9), salary NUMBER(7,2)); emp_info EmpRec; BEGIN emp_info.emp_id := 7788; emp_info.job_title := 'ANALYST'; emp_info.salary := 3500; END;

DECLARE TYPE EmpRec IS RECORD (emp_id emp.empno%TYPE, job_title VARCHAR2(9), salary NUMBER(7,2)); emp_info EmpRec; BEGIN emp_info.emp_id := 7788; emp_info.job_title := 'ANALYST'; emp_info.salary := 3500; emp_info := emp_null; END;

DECLARE TYPE EmpRec IS RECORD (emp_id emp.empno%TYPE, job_title VARCHAR2(9), salary NUMBER(7,2)); emp_info EmpRec; emp_null EmpRec; BEGIN emp_info.emp_id := 7788; emp_info.job_title := 'ANALYST'; emp_info.salary := 3500; emp_info := emp_null; END;

None of the above

[â€Ž9/â€Ž19/â€Ž2015 11:01 AM] Kumar, Pushpraj (Cogn izant):
Garbage collector thread is a daemon thread.
State True or False.

TRUE

FALSE
[â€Ž9/â€Ž19/â€Ž2015 11:02 AM] Kumar, Pritam (Cogniz ant):
true
[â€Ž9/â€Ž19/â€Ž2015 11:03 AM] Kumar, Pritam (Cogniz ant):
```
DECLARE
   TYPE EmpRec IS RECORD (Â
      emp_id     emp.empno%TYPE,
      job_title VARCHAR2(9),
      salary    NUMBER(7,2));
   emp_info EmpRec;
   emp_null EmpRec;
BEGIN
   emp_info.emp_id := 7788;
   emp_info.job_title := 'ANALYST';
   emp_info.salary := 3500;
   emp_info := emp_null;  -- nulls all fields in
 emp_info
   ...
END;
```
b hain answer pr mila le
[â€Ž9/â€Ž19/â€Ž2015 11:05 AM] Kumar, Pushpraj (Cogn izant):
kiska b?
[â€Ž9/â€Ž19/â€Ž2015 11:05 AM] Kumar, Pritam (Cogniz ant):
emp nul wala ka
c bhai krle
abhi dekhe
[â€Ž9/â€Ž19/â€Ž2015 11:07 AM] Kumar, Pritam (Cogniz ant):
emp wala ka c h option thik h
Which code assign null to all the fields in the re cord

emp_info?
answer c h
[‎9/‎19/‎2015 11:09 AM] Kumar, Pushpraj (Cogn
izant):
ohhk bhai
Carefully read the question and answer accordingly.

Examine the code snippet
```
declare
TYPE ABC is VARRAY(10) of NUMBER;
v2 ABC:=ABC(10,8,9,6,5,4,3,32);
begin
Dbms_output.put_line(v2(1));
end;
```
what will be the output of the above code ?

Compilation fails

Compiles and prints 8

Compiles and prints 10

Compiles and prints 1

Compiles and runs without any output
```
DECLARE
A BOOLEAN := NULL;
B BOOLEAN;
BEGIN
B := A IS NULL;
IF B IS NULL THEN
   DBMS_OUTPUT.PUT_LINE('HI');
END IF;
END
```
[‎9/‎19/‎2015 11:16 AM] Kumar, Pushpraj (C
ognizant):
Carefully read the question and answer accordingly.

Statement A:Listener process scans for connection r
equests to an Oracle Instance
Statement B:Listener process links up a dispatcher
process to user process.
which of the following is true?

==Both Statements A and B are true==

Statement A is true and Statement B is false

Statement A is false and Statement B is true

Both Statements A and B are false
[â€Ž9/â€Ž19/â€Ž2015 11:16 AM] Kumar, Pritam (Cognizant):
Both Statements A and B are true
[â€Ž9/â€Ž19/â€Ž2015 11:17 AM] Kumar, Pushpraj (Cognizant):
aur upar wala dekh bhai
[â€Ž9/â€Ž19/â€Ž2015 11:18 AM] Kumar, Pritam (Cognizant):
upar wala dono ka nhi mil rha
dekh rha hu
[â€Ž9/â€Ž19/â€Ž2015 11:20 AM] Kumar, Pushpraj (Cognizant):
Carefully read the question and answer accordingly.

Which trigger is used to display the salary change information whenever a DELETE , INSERT or UPDATE statement affects the tbl_employees table(Salary Column)- The trigger should be FOR EACH ROW trigger.
SAMPLE OUTPUT : Fahan,Karn: Old salary = 3500, New salary = 4500, Difference: 1000

CREATE OR REPLACE TRIGGER salary_changes BEFORE DELETE OR INSERT OR UPDATE ON TBL_EMPLOYEES FOR EACH ROW DECLARE sal_diff NUMBER; BEGIN sal_diff := :NEW.salary - :OLD.salary; DBMS_OUTPUT.PUT(:OLD.firstname||','||:OLD.lastname|| ': '); DBMS_OUTPUT.PUT('Old salary = ' || :OLD.salary || ', '); DBMS_OUTPUT.PUT('New salary = ' || :NEW.salary || ', '); DBMS_OUTPUT.PUT_LINE('Difference: ' || sal_diff); END;

CREATE OR REPLACE TRIGGER salary_changes BEFORE
[â€Ž9/â€Ž19/â€Ž2015 11:23 AM] Kumar, Pritam (Cognizant):

```
CREATE OR REPLACE TRIGGER salary_changes BEFORE DE
LETE OR INSERT OR UPDATE ON TBL_EMPLOYEES FOR EACH
 ROW DECLARE sal_diff NUMBER; BEGIN sal_diff := :N
EW.salary - :OLD.salary;
```
[â€Ž9/â€Ž19/â€Ž2015 11:24 AM] Kumar, Pritam (Cogniz
ant):
```
DECLARE
A BOOLEAN := NULL;
B BOOLEAN;
BEGIN
B := A IS NULL;
IF B IS NULL THEN
  DBMS_OUTPUT.PUT_LINE('HI');
END IF;
END
```
ans is false
[â€Ž9/â€Ž19/â€Ž2015 11:26 AM] Kumar, Pushpraj (Cogn
izant):
trigger ka fir se bhejo
nhi aaya pura
[â€Ž9/â€Ž19/â€Ž2015 11:26 AM] Kumar, Pritam (Cogniz
ant):
```
CREATE OR REPLACE TRIGGER salary_changes BEFORE DE
LETE OR INSERT OR UPDATE ON TBL_EMPLOYEES FOR EACH
 ROW DECLARE sal_diff NUMBER; BEGIN sal_diff := :N
EW.salary - :OLD.salary;
```
1st option
[â€Ž9/â€Ž19/â€Ž2015 11:28 AM] Kumar, Pushpraj (Cogn
izant):
thnx bhai
[â€Ž9/â€Ž19/â€Ž2015 11:29 AM] Kumar, Pritam (Cogniz
ant):
ho gya naa
1.A field with default access specifier can be acce
ssed out side the package.
State True or ==False.==
a:f

2.Constructor of an class is executed each time whe
n an object of that class is created

==TRUE==
```

3.Carefully read the question and answer accordingly.
Which of the following are not List implementations?
1.Vector
2.Hashtable
3.LinkedList
4.Properties

2,4

4.Carefully read the question and answer accordingly.
executeUpdate() & execute() are valid methods that can be used for executing DDL statements. State True or False
f

5.What will happen if two thread of same priority are called to be processed simultaneously?

a:It is dependent on the operating system.

6.Which of  the following statements are true?
Statement1: When a thread is sleeping as a result of sleep(), it releases its locks.
Statement2: The Object.wait() method can be invoked only from a synchronized context.

a:2

6.What are the benefits of Logging?
1.Debug applications issues easily
2.Detect complier errors easily
3.Trouble Shoot performance problems

a:1,3

7.What is the use of GOOGLEBOT command?
a:shd b archived

8.Consider Vijay is developing web page using HTML
.Which method he can use for sending large amount
of data on submitting the form?
I: POST

9.Automatic page Refresh can be done by using refre
sh Meta Tag.
State True or False.

TRUE

10.Which of the following are used for executing cl
ient side script?
1.JavaScript
2.JSP
3.Servlets
4.VBScript

1,4

11.Consider you are developing java application in
 a team consists of 20 developers and you have bee
n asked to develop class by Name ProgrammerAnalyst
 and to ensure that other developers in team use P
rogrammerAnalyst class only by creating object and
 team member should not be given provision to inhe
rit and modify any functionality written in Progra
mmerAnalyst class using inheritance. How do you ac
hieve this requirement in development scenario?

Declare the ProgrammerAnalyst class has final

12.The method Class.forName() is a part of JDBC API
. State True or False.

TRUE

13.Which packages contain the JDBC classes?

java.sql and javax.sql

14.Which of these interface is not a member of java

.io package?
<mark>ObjectFilter</mark>


14.
all d options r correct??
Padhi, Bibhuti Bhusan (Cognizant) ?9:50 AM?:

yup

send the subclass question ones more
SAHU, SARTHAK (Cognizant) ?9:51 AM?:

Carefully read the question and answer accordingly.

Choose the correct option.
Statement I: A subclass inherits all of the "publi
c" and "protected" members of its parent, no matte
r what package the subclass is in.
Statement II: If the subclass of any class is in t
he same package then it inherits the default acces
s members of the parent.

<mark>Statement I & II are TRUE</mark>

Statement I is TRUE & II is FALSE

Statement I is FALSE & II is TRUE

Statement I & II are FASLE

Carefully read the question and answer accordingly.

Which object allows you to execute parametrized que
ries?

ResultSet

Parametrized

<mark>PreparedStatement</mark>

Condition

the ans for subclass

and the next questions

Carefully read the question and answer accordingly.

The method Class.forName() is a part of JDBC API. State True or False.

<mark>TRUE</mark>

FALSE
Padhi, Bibhuti Bhusan (Cognizant) ?9:56 AM?:

TRUE
SAHU, SARTHAK (Cognizant) ?9:57 AM?:

Carefully read the question and answer accordingly.

Garbage collector thread is a  daemon thread. State True or False.

<mark>TRUE</mark>

FALSE

??

Carefully read the question and answer accordingly.

Consider you are developing a JDBC application, where you have to retrieve quarterly report from database by executing database store procedure created by database developer. Which statement API you will use to execute store procedure and retrieve ResultSet information?

Statement

PreparedStatement

==CallableStatement==

None of the listed options

??
Padhi, Bibhuti Bhusan (Cognizant) ?10:04 AM?:

CallableStatement
SAHU, SARTHAK (Cognizant) ?10:06 AM?:

Carefully read the question and answer accordingly.

If we want to apply a style for a text or a part of
 a text which tag will be used?
I: ==SPAN==
II: DIV

==I==

II

Both I & II

None of the listed options

??

??
Padhi, Bibhuti Bhusan (Cognizant) ?10:11 AM?:

BOTH I & II

both
SAHU, SARTHAK (Cognizant) ?10:14 AM?:

Carefully read the question and answer accordingly.

How to divide the page into two equal  halves when
we are using frameset ?
1.By using cols=50%,50%
2.By using rows=50%,50%

3.By using colspan
4.by using rowspan

1&2

3&4

2&3

1&4

??

Carefully read the question and answer accordingly.

What are the types of refactoring?
1.Physical Structure
2.Logical Structure
3.Method Level
4.Class Level Structure

1&2

3&4

2&3

1&4
Padhi, Bibhuti Bhusan (Cognizant) ?10:19 AM?:

1&2
SAHU, SARTHAK (Cognizant) ?10:19 AM?:

Carefully read the question and answer accordingly.

What are the major areas PMD tool scans java code?

Coding standards

Violation of best practice

Possible performance bottlenecks

==All of the listed options==

Padhi, Bibhuti Bhusan (Cognizant) ?10:20 AM?:

3&4

All of the listed options
SAHU, SARTHAK (Cognizant) ?10:21 AM?:

Carefully read the question and answer accordingly.

An art of identifying, organizing, controlling and
 verifying the modification to the software work p
roducts built by the developer.

SDLC

SVN

==SCM==

HCM
Padhi, Bibhuti Bhusan (Cognizant) ?10:22 AM?:

Garbage collector thread is a  daemon thread.
State True or False.

==TRUE==

FALSE

??

ans:true
SAHU, SARTHAK (Cognizant) ?10:22 AM?:

kk

Carefully read the question and answer accordingly.

An art of identifying, organizing, controlling and
 verifying the modification to the software work p

roducts built by the developer.

SDLC

SVN

<mark>SCM</mark>

HCM
Padhi, Bibhuti Bhusan (Cognizant) ?10:22 AM?:

scm
SAHU, SARTHAK (Cognizant) ?10:23 AM?:

Carefully read the question and answer accordingly.

In JavaScript, for accessing first paragraph tag i
n the document which of the statement is used?

<mark>document.getElementsByTagName("p")[0]</mark>

document.getElementsByTagName("p")

document.getElementsByTagName("p[0]")

None of the listed options

Carefully read the question and answer accordingly.

Identify the entry in web.xml that will instruct t
he container to compile the JSP when the container
 starts rather than waiting for the first time.

<mark><load-on-startup></mark>

<load-on-start>

<loadonstartup>

<load-on-Init>
Padhi, Bibhuti Bhusan (Cognizant) ?10:25 AM?:

document.getElementsByTagName("p")[0]

<load-on-startup>
SAHU, SARTHAK (Cognizant) ?10:30 AM?:

Carefully read the question and answer accordingly.

How do you declare a tag library within a JSP page to use custom tags?

By using scriptlet.

By using taglib directive.

By using unique variable.

By using path to the tag handler.

??

Carefully read the question and answer accordingly.

Consider you are developing web application which following code snippet listed depicts that the JSP page is an errorpage?

<%@ page isErrorPage="true" %>

<%@ page ErrorPage="true" %>

<%@ page isErrorPage="false" %>

<%@ page ErrorPage="false" %>

Carefully read the question and answer accordingly.

Expression Language treats null values as "zero" In arithmetic operations.State True or False.

TRUE

FALSE

??

Carefully read the question and answer accordingly.

Scripting can be blocked in a jsp by:

==Putting <scripting-invalid> element in web.xml==

Declaring <scripting-invalid> tag at the top of JSP
 page

Putting scripting-invalid=true attribute in form ta
g

Scripting can't be blocked

Carefully read the question and answer accordingly.

Expression Language treats null values as "zero" I
n arithmetic operations.State True or False.

TRUE

FALSE

??
Padhi, Bibhuti Bhusan (Cognizant) ?10:42 AM?:

By using taglib directive.

<%@ page isErrorPage="true" %>
SAHU, SARTHAK (Cognizant) ?10:44 AM?:

Carefully read the question and answer accordingly.

You cannot assign nulls to a variable defined as N
OT NULL. If you try, PL/SQL raises the predefined
exception _____

STORAGE_ERROR

VALUE_ERROR

SELF_IS_NULL

PROGRAM_ERROR
Padhi, Bibhuti Bhusan (Cognizant) ?10:45 AM?:

Declaring <scripting-invalid> tag at the top of JSP
 page

TRUE (Expression Language treats null values as "z
ero" In arithmetic operations.State True or False.
)
SAHU, SARTHAK (Cognizant) ?10:46 AM?:

ans the recent ques

Carefully read the question and answer accordingly.

You cannot assign nulls to a variable defined as N
OT NULL. If you try, PL/SQL raises the predefined
exception _____

STORAGE_ERROR

VALUE_ERROR

SELF_IS_NULL

PROGRAM_ERROR
Padhi, Bibhuti Bhusan (Cognizant) ?10:48 AM?:

VALUE_ERROR
SAHU, SARTHAK (Cognizant) ?10:48 AM?:

Carefully read the question and answer accordingly.

The functions can return PL/SQL specific data types
 such as BOOLEAN, RECORD, or TABLE

TRUE

FALSE
Padhi, Bibhuti Bhusan (Cognizant) ?10:48 AM?:

*CHANGE IN ANSWER Putting scripting-invalid=true at
tribute in form tag
SAHU, SARTHAK (Cognizant) ?10:49 AM?:

kk
Padhi, Bibhuti Bhusan (Cognizant) ?10:49 AM?:

TRUE

TRUE FOR PL?SQL
SAHU, SARTHAK (Cognizant) ?10:49 AM?:

Carefully read the question and answer accordingly.

Which of the following is the benefits using trigge
rs in database management system?

Faster application development. Because the databa
se stores triggers, you do not have to code the tr
igger actions into each database application.

==Global enforcement of business rules. Define a tri
gger once and then reuse it for any application th
at uses the database.==

==Easier maintenance. If a business policy changes,
you need to change only the corresponding trigger
program instead of each application program.==

==Improve performance in client/server environment.
All rules run in the server before the result retu
rns.==

All of the listed options
Padhi, Bibhuti Bhusan (Cognizant) ?10:49 AM?:

PL/SQl
SAHU, SARTHAK (Cognizant) ?10:52 AM?:

Carefully read the question and answer accordingly.

Which of the following Listener can get context in it parameter and run some code before rest of the application can service a client?

ServletContextAttributeListener

ServletContextListener

<mark>HttpSessionListener</mark>

None of the listed options

Carefully read the question and answer accordingly.

Consider you are trying to persist or store object of Customer class using ObjectOutputStream class in java. When you are trying to persist customer object data java code is throwing runtime exception without persisting object information.  Please suggest what is the key important factor you have consider in code in order to persist customer object data.

<mark>Check whether you have implemented Customer class with Serializable interface</mark>

Check whether you have implemented Customer class with Externalizable interface

Check whether you have marked Customer class methods with synchronized keyword

None of the listed options

Carefully read the question and answer accordingly.

You are developing a web application and based on the client requests, your application has to share huge data files with respective clients. To save the network bandwidth, the files have to be compre

ssed before sending the response. The logic for co
mpressing the data files should not be redundant t
hough compression has to applied for all the respo
nses. Which design pattern should be used in this
scenario to avoid the duplication of the compressi
on code?

<mark>Intercepting Filter</mark>

DAO

Model - View - Controller

Transfer Object

??
Padhi, Bibhuti Bhusan (Cognizant) ?11:00 AM?:

ServletContextAttributeListener
SAHU, SARTHAK (Cognizant) ?11:02 AM?:

plz focus on recent two questions
Padhi, Bibhuti Bhusan (Cognizant) ?11:02 AM?:

wait....
SAHU, SARTHAK (Cognizant) ?11:03 AM?:

kk
Padhi, Bibhuti Bhusan (Cognizant) ?11:04 AM?:

Check whether you have marked Customer class method
s with synchronized keyword

DAO
SAHU, SARTHAK (Cognizant) ?11:06 AM?:

r u sure DAO??

YA transfer object

Carefully read the question and answer accordingly.

Examine the table structure of Employee

| Ename | Ecode | Dept |
|-------|-------|------|
| John  | 1     | Sal  |
| Smith | 3     | Mar  |
| Max   | 2     | Sal  |
| Joe   | 4     | Mar  |
| Laura | 5     | Dep  |

What will be the output of below query ?
select decode(Ecode,5,'Department',4,'Marketing',3
,'Marketing','Sales') as result from Employee;

Query contains error
Sales Marketing Sales Marketing Department
==Department Marketing Marketing Sales Sales==
Cannot predict the output of the query
Padhi, Bibhuti Bhusan (Cognizant) ?11:08 AM?:

query contain error

yah dao
SAHU, SARTHAK (Cognizant) ?11:08 AM?:

kk

Carefully read the question and answer accordingly.

What are the types of refactoring?
1.Physical Structure
2.Logical Structure
3.Method Level
4.Class Level Structure
Padhi, Bibhuti Bhusan (Cognizant) ?11:10 AM?:

`option

phy method class
SAHU, SARTHAK (Cognizant) ?11:11 AM?:

Carefully read the question and answer accordingly.

What are the types of refactoring?
1.Physical Structure

2.Logical Structure
3.Method Level
4.Class Level Structure

1&2

3&4

2&3

1&4

??
Padhi, Bibhuti Bhusan (Cognizant) ?11:14 AM?:

3&4
SAHU, SARTHAK (Cognizant) ?11:14 AM?:

Carefully read the question and answer accordingly.

Select the best definition for Why Collection neede
d in Oracle?
A group of related data items stored in fields , e
ach fields has its own name and datatype.
You can think of a record as a variable that can h
old a table row or some colums from a table row.
An software application links up with a Active dat
a objects, there is a not much performance value t
o be paid. Not only that, programs that continuall
y switch off between code and SQL can become quite
 complex.
Every time a software application connect up with
a database, there is a performance value to be pai
d. Not only that, programs that continually switch
 off between code and SQL can become quite complex
.
Padhi, Bibhuti Bhusan (Cognizant) ?11:15 AM?:

nope cant find this

--------------------------------------------------

deepjyoti.dev@cognizant.com ?9:40 AM?:

Carefully read the question and answer accordingly.

LinkedList represents a collection that does not al
low duplicate elements.

TRUE

<mark>FALSE</mark>
Padhi, Bibhuti Bhusan (Cognizant) ?9:40 AM?:

FALSE
Dev, Deepjyoti (Cognizant) ?9:42 AM?:


Carefully read the question and answer accordingly.

State whether TRUE or FALSE.
Object class provides a method named getClass() whi
ch returns runtime class of an object.

<mark>TRUE</mark>

FALSE
Padhi, Bibhuti Bhusan (Cognizant) ?9:43 AM?:

TRUE
Dev, Deepjyoti (Cognizant) ?9:44 AM?:

Carefully read the question and answer accordingly.

You are using JDBC-ODBC bridge driver to establish
 a connection with a database. You have created a
DSN Mydsn. Which statement will you use to connect
 to the database?

Connection cn=DriverManager.getConnection("jdbc:odb
c");

Connection cn=DriverManager.getConnection("jdbc:odb
c:Mydsn", "username", "password");

```
Connection cn=DriverManager.getConnection("jdbc:odb
c ","username", "password");

Connection cn=DriverManager.getConnection("jdbc:odb
c:dsn" ,"username", "password");
```
Padhi, Bibhuti Bhusan (Cognizant) ?9:45 AM?:

```
Connection cn=DriverManager.getConnection("jdbc:odb
c:Mydsn", "username", "password");
```
Dev, Deepjyoti (Cognizant) ?9:55 AM?:

Q13

Carefully read the question and answer accordingly.

Interfaces are mainly used to expose behavior or f
unctionality not the implementation code.
State true or false

TRUE

FALSE
Padhi, Bibhuti Bhusan (Cognizant) ?9:57 AM?:

TRUE
Dev, Deepjyoti (Cognizant) ?9:58 AM?:


Carefully read the question and answer accordingly.

Automatic page Refresh can be done by using refresh
 Meta Tag.
State True or False.

TRUE

FALSE
Padhi, Bibhuti Bhusan (Cognizant) ?10:03 AM?:

TRUE
Dev, Deepjyoti (Cognizant) ?10:15 AM?:

Carefully read the question and answer accordingly.

An art of identifying, organizing, controlling and
 verifying the modification to the software work p
roducts built by the developer.

SDLC

SVN

SCM

HCM
Padhi, Bibhuti Bhusan (Cognizant) ?10:18 AM?:

SCM
Dev, Deepjyoti (Cognizant) ?10:25 AM?:


Carefully read the question and answer accordingly.

Consider  the following statements:
Statement A: A tag library descriptors an XML docu
ment that contains information about a library as
a whole and about each tag contained in the librar
y.
Statement B: TLDs are used by a Web container to v
alidate the tags used by JSP page development tool
s.
Which of the following is true about these statemen
ts?

Statement A is true and statement B is true.

Statement A is true and statement B is false.

Statement A is false and statement B is true.

Statement A is false and statement B is false.

31
Padhi, Bibhuti Bhusan (Cognizant) ?10:28 AM?:

both
Dev, Deepjyoti (Cognizant) ?10:30 AM?:

bioth true ya false..???
Padhi, Bibhuti Bhusan (Cognizant) ?10:34 AM?:

oh sorry...true
Dev, Deepjyoti (Cognizant) ?10:37 AM?:

Q37

Carefully read the question and answer accordingly.

What exception is raised when the user enters the I
D as -6 in the below code?
```
DECLARE
    c_id customers.id%type := &cc_id;
    c_name customers.name%type;
    c_addr customers.address%type;
    -- user defined exception
    ex_invalid_id EXCEPTION;
BEGIN
    IF c_id <= 0 THEN
        RAISE ex_invalid_id;
    ELSE
        SELECT name, address INTO c_name, c_addr
        FROM customers
        WHERE id = c_id;
    END IF;
EXCEPTION
    WHEN ex_invalid_id THEN
        dbms_output.put_line('ID must be greater than
 zero!');
    WHEN no_data_found THEN
        dbms_output.put_line('No such customer!');
 END; /
```

NO DATA FOUND exception will be raised

==ex_invalid_id exception will be raised==

The program will be terminated abruptly.

TOO MANY ROWS exce

Q51

Carefully read the question and answer accordingly.

The method getWriter() of HttpServletResponse returns an object of type _____.

HttpServletRequest

==PrintWriter==

ServletContext

ServletConfig
Padhi, Bibhuti Bhusan (Cognizant) ?10:50 AM?:

PrintWriter
Dev, Deepjyoti (Cognizant) ?10:52 AM?:

Q47

Carefully read the question and answer accordingly.

Which of the following interface represents the Servlet Config for the current Servlet?

==javax.servlet.ServletConfig==

javax.Servlet.Config

javax.Config

Servlet.Config
Padhi, Bibhuti Bhusan (Cognizant) ?10:53 AM?:

javax.servlet.config

ricky ami dipa

:P

ami bibhuti er account e online

ok
Dev, Deepjyoti (Cognizant) ?10:53 AM?:

Q49

Carefully read the question and answer accordingly.

A filter configuration object used by a servlet co
ntainer to pass information to a filter during ini
tialization.
State True or False.

TRUE

FALSE
Padhi, Bibhuti Bhusan (Cognizant) ?10:56 AM?:

true
Dev, Deepjyoti (Cognizant) ?10:56 AM?:

Carefully read the question and answer accordingly.

Which of the following codes will allow the user t
o load the servlet using form. The form should fir
st display submit button and when the user clicks
on submit button it should load the servlet called
 myservlet?

<HTML> <BODY> <FORM ACTION=http://localhost:8080/s
ervlet/myservlet METHOD=GET> </FORM> </BODY> </HTM
L>

<HTML> <BODY> <FORM ACTION=http://localhost:8080/s
ervlet/myservlet METHOD=GET> <INPUT TYPE=SUBMIT VA
LUE=SUBMIT> </FORM> </BODY> </HTML>

```
<HTML> <BODY> <INPUT TYPE=SUBMIT VALUE=SUBMIT> </FO
RM> </BODY> </HTML>

<HTML> <BODY> <FORM ACTION=http://localhost:8080/s
ervlet METHOD=GET> <INPUT TYPE=SUBMIT VALUE=SUBMIT
> </FORM> </BODY> </HTML>
```

-

hi

bhai online rehna pls

:)
Padhi, Bibhuti Bhusan (Cognizant) ?9:27 AM?:

yup I am :)
Mitra, Arunava (Cognizant) ?9:40 AM?:

If any class has at least one abstract method you m
ust declare it as abstract class

t or F

?
Padhi, Bibhuti Bhusan (Cognizant) ?9:41 AM?:

TRUE
Mitra, Arunava (Cognizant) ?9:46 AM?:

Which of the following is an empty tag in HTML?

<a>

<input>

<h1>

??
Padhi, Bibhuti Bhusan (Cognizant) ?9:46 AM?:

Mitra, Arunava (Cognizant) ?9:47 AM?:

What is the use of GOOGLEBOT command?

To tell google that the page should not be archived

To tell google that the page should be archived

To tell google that the page should not be saved

None of the listed options

??
Padhi, Bibhuti Bhusan (Cognizant) ?9:52 AM?:

To tell google that the page should be archived
Mitra, Arunava (Cognizant) ?9:56 AM?:

Carefully read the question and answer accordingly.

Which tool verifies for best practice adherence?
1.PMD
2.Check Style
3.CPD
4.ANT

?

1&2

1&2&3

1&3&4

1&2&4

1&3

Padhi, Bibhuti Bhusan (Cognizant) ?9:57 AM?:

1&2
Mitra, Arunava (Cognizant) ?9:57 AM?:

Which of the following is valid _jspService() method signature?

private void _jspService(HttpServletRequest request, HttpServletResponse response)throws ServletException, java.io.IOException

public void _jspService(HttpServletRequest request, HttpServletResponse response)throws ServletException, java.io.IOException

public void _jspService(HttpServletRequest request, HttpServletResponse response)throws ServletException

public void _jspService(HttpServletRequest request, HttpServletResponse response)throws java.io.IOException
Padhi, Bibhuti Bhusan (Cognizant) ?10:00 AM?:

public void _jspService(HttpServletRequest request, HttpServletResponse response)throws java.io.IOException

public void _jspService(HttpServletRequest request, HttpServletResponse response)throws ServletException, java.io.IOException

*change of ans

public void _jspService(HttpServletRequest request, HttpServletResponse response)throws ServletException, java.io.IOException
Mitra, Arunava (Cognizant) ?10:10 AM?:

ok

Identify the correct syntax to create a sequence wh
ich generates values as 2,4,6,8,10?

Create sequence MySeq Start with 2 Increment by 1

Create sequence MySeq (Start with 2 Increment by 1
)

Create sequence MySeq (Start with 2 Increment by 2
)

Create sequence MySeq Start with 2 Increment by 2

Create sequence MySeq as Start with 2 Increment by
2

 Carefully read the question and answer accordingly
.
What will be the output of the query?
Select trim(0 from '00003443500') from dual?

Query contains error

34435

3443500

3443500

344350

Carefully read the question and answer accordingly.

Which of the following codes will allow the user t
o load the servlet using form. The form should fir
st display submit button and when the user clicks
on submit button it should load the servlet called
 myservlet?

<HTML> <BODY> <FORM ACTION=http://localhost:8080/s

ervlet/myservlet METHOD=GET> </FORM> </BODY> </HTM
L>

<HTML> <BODY> <FORM ACTION=http://localhost:8080/s
ervlet/myservlet METHOD=GET> <INPUT TYPE=SUBMIT VA
LUE=SUBMIT> </FORM> </BODY> </HTML>

<HTML> <BODY> <INPUT TYPE=SUBMIT VALUE=SUBMIT> </FO
RM> </BODY> </HTML>

<HTML> <BODY> <FORM ACTION=http://localhost:8080/s
ervlet METHOD=GET> <INPUT TYPE=SUBMIT VALUE=SUBMIT
> </FORM> </BODY> </HTML>

??
Padhi, Bibhuti Bhusan (Cognizant) ?10:29 AM?:

<HTML> <BODY> <FORM ACTION=http://localhost:8080/s
ervlet/myservlet METHOD=GET> <INPUT TYPE=SUBMIT VA
LUE=SUBMIT> </FORM> </BODY> </HTML>

34435