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| 1 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What does XSL stands for?** | | Selected Option:  Extensible Style Sheet Language  Correct Answer:  Extensible Style Sheet Language | |
| 2 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Select the right coding best practices followed while using java Collections.**  **1.Use for loop instead of iterator**  **2.Use Collections with generic with same type of data.**  **3.Copy collections into other collections by calling addAll() methods instead using iterator to copy each collection element.** | | Selected Option:  2&3  Correct Answer:  2&3 | |

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| 3 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The method Class.forName() is a part of JDBC API. State True or False.** | | Selected Option:  TRUE  Correct Answer:  FALSE | |
| 4 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the outputof below code:**  **package p1;**  **class Parent {**  **public static void doWork() {**  **System.out.println("Parent");**  **}**  **}**  **class Child extends Parent {**  **public static void doWork() {**  **System.out.println("Child");**  **}**  **}**  **class Test {**  **public static void main(String[] args) {**  **Child.doWork();**  **}**  **}** | | Selected Option:  Child Parent  Correct Answer:  Child | |

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| 5 | |  | | --- | | **Carefully read the question and answer accordingly.**  **You are developing a web application using Servlets. You have to use filters so that the web container intercepts the incoming requests before it is forwarded to the servlet. Which of the following method is called for every request intercepted by the filter?** | | Selected Option:  doFilter  Correct Answer:  doFilter | |
| 6 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following correctly defines use of DTD in XML development?** | | Selected Option:  All of the listed options  Correct Answer:  All of the listed options | |

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| 7 | |  | | --- | | **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 ?** | | Selected Option:  Compiles and prints 8  Correct Answer:  Compiles and prints 10 | |
| 8 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which tool verifies for best practice adherence?**  **1.PMD**  **2.Check Style**  **3.CPD**  **4.ANT** | | Selected Option:  1&2&3  Correct Answer:  1&2&3 | |

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| 9 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Identify the circumstance under which you will create an Index?** | | Selected Option:  All of the listed options  Correct Answer:  All of the listed options | |
| 10 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which one is required as a sub-element of listener tag  in Deployment Descriptor?** | | Selected Option:  <listener-class>  Correct Answer:  <listener-class> | |

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| 11 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The proposed web application need to access two databases, for performing the business operations. Which of the API in J2EE package will support to achieve this functionality?** | | Selected Option:  JNDI  Correct Answer:  JTA | |
| 12 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Manoj has created the Hello servlet that displays Welcome in the browser window. The code of the servlet is:**  **package myworld;**  **import java.io.IOException;**  **import java.io.PrintWriter;**  **import javax.servlet.ServletConfig;**  **import javax.servlet.ServletException;**  **import javax.servlet.http.HttpServlet;**  **import javax.servlet.http.HttpServletRequest;**  **import javax.servlet.http.HttpServletResponse;**  **public class hello extends HttpServlet**  **{**  **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>");**  **out.close();**  **}**  **}**  **Which of the following code snippets correctly defines the deployment descriptor for the preceding servlet?** | | Selected Option:  <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>  Correct Answer:  <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> | |

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| 13 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following keywords ensures that a method cannot be overridden?** | | Selected Option:  final  Correct Answer:  final | |
| 14 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the return type of getAttribute() method of HttpServletRequest ?** | | Selected Option:  Object  Correct Answer:  Object | |

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| 15 | |  | | --- | | **Carefully read the question and answer accordingly.**  **During translation the scriptlet code is copied inside:** | | Selected Option:  The service method of generated servlet  Correct Answer:  The service method of generated servlet | |
| 16 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In JavaScript, for accessing first paragraph tag in the document which of the statement is used?** | | Selected Option:  document.getElementsByTagName("p")[0]  Correct Answer:  document.getElementsByTagName("p")[0] | |

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| 17 | |  | | --- | | **Carefully read the question and answer accordingly.**  **A scriptlet contains Java code that is executed every time a JSP is invoked.State True or False.** | | Selected Option:  FALSE  Correct Answer:  TRUE | |
| 18 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The parameters for procedures can be specified using ?** | | Selected Option:  an explicit data type  Using the %ROWTYPE definition  Using the %TYPE definition  Correct Answer:  an explicit data type  Using the %TYPE definition  Using the %ROWTYPE definition | |

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| 19 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following exception is not mandatory to be handled in code?** | | Selected Option:  IOException  Correct Answer:  NullPointerException | |
| 20 | |  | | --- | | **Carefully read the question and answer accordingly.**  **State whether TRUE or FALSE.**  **String class do not provides a method which is used to compare two strings lexicographically.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |

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| 21 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Predict the output of below code:**  **package p1;**  **class MyThread extends Thread {**  **public void run(int a) {**  **System.out.println("Important job running in MyThread");**  **}**  **public void run(String s) {**  **System.out.println("String in run");**  **}**  **}**  **class Test {**  **public static void main(String[] args) {**  **MyThread t1=new MyThread();**  **t1.start();**  **}**  **}** | | Selected Option:  Compile Error  Correct Answer:  No Output | |
| 22 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider you are creating a JSP page. You want to use the classes of java.util package. Which statement will you use to import the java.util package?** | | Selected Option:  <%@ page import="java.util.\*" %>  Correct Answer:  <%@ page import="java.util.\*" %> | |

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| 23 | |  | | --- | | **Carefully read the question and answer accordingly.**  **We have customer table with the following values**  **ID NAME AGE ADDRESS SALARY**  **1 Ramesh 26 Delhi 25000**  **2 Khilan 22 Chennai 30000**  **What will be the code to execute all the 3 records from the customer and to print the name and address in a single line. For example : Ramesh Delhi** | | Selected Option:  DECLARE c\_id customers.id%type; c\_name customers.name%type;  c\_addr customers.address%type; BEGIN CURSOR c\_customers is  SELECT id, name, address FROM customers; OPEN c\_customers;  LOOP FETCH c\_customers into  c\_id, c\_name, c\_addr; dbms\_output.put\_line(c\_id || ' ' || c\_name || ' ' || c\_addr);  EXIT WHEN c\_customers%notfound; END LOOP; CLOSE c\_customers; END; /  Correct Answer:  DECLARE c\_id customers.id%type; c\_name customers.name%type; c\_addr customers.address%type; CURSOR c\_customers is SELECT id, name, address FROM customers; BEGIN OPEN c\_customers; LOOP FETCH c\_customers into c\_id, c\_name, c\_addr; dbms\_output.put\_line(c\_id || ' ' || c\_name || ' ' || c\_addr); EXIT WHEN c\_customers%notfound; END LOOP; CLOSE c\_customers; END; / | |
| 24 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for following code?**  **public class Operators**  **{**  **public static void main(String[]args)**  **{**  **int i=12;**  **int j=13;**  **int k=++i-j--;**  **System.out.println(i);**  **System.out.println(j);**  **System.out.println(k);**  **}**  **}** | | Selected Option:  13,12,0  Correct Answer:  13,12,0 | |

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| 25 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the collection exception raised for the below code?**  **DECLARE**  **TYPE NumList IS TABLE OF NUMBER;**  **nums NumList;**  **BEGIN**  **nums(1) := 1;**  **END;** | | Selected Option:  SUBSCRIPT\_BEYOND\_COUNT  Correct Answer:  COLLECTION\_IS\_NULL | |
| 26 | |  | | --- | | **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** | | Selected Option:  1&2  Correct Answer:  1&2 | |

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| 27 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which object provides you with methods to access data from the table?** | | Selected Option:  ResultSet  Correct Answer:  ResultSet | |
| 28 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In Thread implementation methods like wait(), notify(), notifyAll() should be used in synchronized context .**  **State true or false** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 29 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following variable represents the uncaught throwable object that resulted from a call to the error page in JSP?** | | Selected Option:  Exception  Correct Answer:  Exception | |
| 30 | |  | | --- | | **Carefully read the question and answer accordingly.**  **An art of identifying, organizing, controlling and verifying the modification to the software work products built by the developer.** | | Selected Option:  SCM  Correct Answer:  SCM | |

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| 31 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following method is used to initialize the instance variable of a class.** | | Selected Option:  Constructor  Correct Answer:  Constructor | |
| 32 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Automatic page Refresh can be done by using refresh Meta Tag.**  **State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 33 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the use of attributes in HTML tags?** | | Selected Option:  Provides additional behaviour to the tag  Correct Answer:  Provides additional behaviour to the tag | |
| 34 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Mention some of the important functions of Servlet Filter.**  **1.Security Checks**  **2.allowing all the users**  **3.Modifying the request or response** | | Selected Option:  1&3  Correct Answer:  1&3 | |

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| 35 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which complex type signifies that only one of the child elements can appear?** | | Selected Option:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName" type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice></xs:complexType>  Correct Answer:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName"  type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice>  </xs:complexType> | |
| 36 | |  | | --- | | **Carefully read the question and answer accordingly.**  **How do you declare a tag library within a JSP page to use custom tags?** | | Selected Option:  By using taglib directive.  Correct Answer:  By using taglib directive. | |

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| 37 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output of the below query?**  **select to\_CHAR(sysdate+(10/1400),'HH:MI:SS') from dual;** | | Selected Option:  adds 10 minutes to the current Timestamp  Correct Answer:  adds 10 minutes to the current Timestamp | |
| 38 | |  | | --- | | **Carefully read the question and answer accordingly.**  **When a JSP is executed, out of the following, what is most likely**  **to be sent to the client?** | | Selected Option:  The compiled Servlet file  Correct Answer:  HTML | |

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| 39 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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 AgeVerify**  **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.** | | Selected Option:  No problem in the trigger. It gives the desired result  Correct Answer:  No problem in the trigger. It gives the desired result | |
| 40 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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?** | | Selected Option:  <% if(Integer.parseInt(request.getParameter("marks"))>=60) { %> <jsp:forward page="Ex.jsp" /> <% } else { %> <jsp:forward page="Av.jsp" /> <% } %>  Correct Answer:  <% if(Integer.parseInt(request.getParameter("marks"))>=60) { %> <jsp:forward page="Ex.jsp" /> <% } else { %> <jsp:forward page="Av.jsp" /> <% } %> | |

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| 41 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following statements are true?**  **1.A PL/SQL block has three parts, declarative part,**  **an executable part and an exception handling part.**  **2.Declarative and Executable block are Mandatory**  **3. A PL/SQL Block can be anonymous or named**  **4. Identifiers in PL/SQL can contain max 35 character**  **5. Blocks of PL/SQL statements are translated by the PL/SQL**  **engine that can reside either in the client or at the server side.** | | Selected Option:  1&3&4  Correct Answer:  1&3&5 | |
| 42 | |  | | --- | | **Carefully read the question and answer accordingly.**  **DIV tag creates linebreaks similar to paragraph tags.**  **State True or False.** | | Selected Option:  FALSE  Correct Answer:  TRUE | |

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| 43 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which two statements are true regarding the USING clause in table joins?**  **1. It can be used to join a maximum of three tables.**  **2. It can be used to restrict the number of columns used in a NATURAL join.**  **3. It can be used to access data from tables through equijoins as well as nonequijoins.**  **4. It can be used to join tables that have columns with the same name and compatible data types.** | | Selected Option:  3&4  Correct Answer:  2&4 | |
| 44 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following statements:**  **Statement A: When tags are implemented with tag**  **handlers written in Java, each tag in the library must be declared in**  **the TLD with a tag element.**  **Statement B: The tag element contains the tag name,**  **the class of its tag handler, information on the tag's attributes, and information on the variables created by the tag.**  **Which of the following is true about these statements?** | | Selected Option:  Statement A is true and statement B is false.  Correct Answer:  Statement A is true and statement B is true. | |

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| 45 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following parameter in Query Flashback**  **clearly defines the maximum time period that the database can be flashbacked?** | | Selected Option:  DBA\_UNDO\_EXTENTS  Correct Answer:  UNDO\_RETENTION | |
| 46 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Is "Array" a subclass of "Collection" ?** | | Selected Option:  FALSE  Correct Answer:  FALSE | |

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| 47 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the development scenario where you have created**  **Employee class with implementation code and as per the**  **project requirement you have to ensure that developer in**  **team reusing code written in Employee class only using**  **inheritance by extending the employee class but not by**  **creating the instance of Employee object directly.**  **Please suggest the solution to implement given requirement?** | | Selected Option:  Mark Employee class with abstract keyword  Correct Answer:  Mark Employee class with abstract keyword | |
| 48 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Expression Language treats null values as “zero”**  **In arithmetic operations.State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 49 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the Tools & plug-ins commonly used in testing java application code?**  **1.ANT**  **2.JUnit**  **3.JavaScript**  **4.EMMA** | | Selected Option:  2&4  Correct Answer:  2&4 | |
| 50 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Please select the correct statement with respect to**  **including JavaScript in HTML pages.** | | Selected Option:  All of the listed options  Correct Answer:  All of the listed options | |

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| 51 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Data can be passed to the function \_\_\_\_** | | Selected Option:  Both by value & reference  Correct Answer:  by value | |
| 52 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is the deployment descriptor file of**  **a web application? Assuming that the name of the Web application is BankApp.** | | Selected Option:  web.xml  Correct Answer:  web.xml | |

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| 53 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which parser is a W3C standard?** | | Selected Option:  DOM  Correct Answer:  DOM | |
| 54 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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**  **II: GET** | | Selected Option:  I  Correct Answer:  I | |

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| 55 | |  | | --- | | **Carefully read the question and answer accordingly.**  **A developer designs a web application that must support multiple user interfaces such as**  **1. XML based web services for Business to Business clients**  **2. HTML for web based clients**  **3. WML for wireless clients**  **Which design pattern provides the solution for this requirement.** | | Selected Option:  Model - View - Controller  Correct Answer:  Model - View - Controller | |
| 56 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of following are standard JSTL?**  **1.http://java.sun.com/jstl/xml/fmt**  **2.http://java.sun.com/jstl/core/fmt**  **3.http://java.sun.com/jstl/xml**  **4.http://java.sun.com/jstl/sql**  **5.http://java.sun.com/jstl/core** | | Selected Option:  3&4&5  Correct Answer:  3&4&5 | |

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| 57 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the output of this program?**  **1. import java.io.\*;**  **2. class files {**  **3. public static void main(String args[]) {**  **4. File obj = new File("/java/system");**  **5. System.out.print(obj.getName());**  **6. }**  **7. }** | | Selected Option:  compilation error  Correct Answer:  system | |
| 58 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following code:**  **1 public class FinallyCatch {**  **2 public static void main(String args[]) {**  **3 try {**  **4 throw new java.io.IOException();**  **5 }**  **6 }**  **7 }**  **Which of the following is true regarding the above code?** | | Selected Option:  Shows unhandled exception type IOException at line number 4  Correct Answer:  Demands a finally block at line number 5 | |

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| 59 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following are true statements?** | | Selected Option:  The ListIterator interface provides forward and backward iteration capabilities.  The Iterator interface declares only three methods: hasNext, next and remove.  The ListIterator interface provides the ability to determine its position in the List.  Correct Answer:  The Iterator interface declares only three methods: hasNext, next and remove.  The ListIterator interface provides the ability to determine its position in the List.  The ListIterator interface provides forward and backward iteration capabilities. | |
| 60 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Given that URL-rewriting must be used for session management, identify the query string attribute used when URL-rewriting.** | | Selected Option:  jsessionid  Correct Answer:  jsessionid | |
| 1 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Variables in Java Script should be declared with data types.**  **State True or False.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |
| 2 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following are true about protected access specifier?** | | Selected Option:  All members of abstract class are by default protected  Correct Answer:  If one class is having protected method then the method is available for subclass which is present in another package | |

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| 3 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is the correct syntax for left outer join ?**  **1.select Stud\_Name , clg\_Name**  **from student s left outer join college c**  **on s.clg\_code = c.clg\_code**  **2.select Stud\_name , clg\_Name**  **from studentDemo s ,collegeDemo c**  **where s.clg\_code = c.clg\_code(+)**  **3.select Stud\_name , clg\_Name**  **from studentDemo s ,collegeDemo c**  **where s.clg\_code(+) = c.clg\_code**  **4.select Stud\_Name , clg\_Name**  **from student s outer join left college c**  **on s.clg\_code = c.clg\_code**  **5.select Stud\_Name , clg\_Name**  **from student s left outer join college c**  **where s.clg\_code = c.clg\_code** | | Selected Option:  1&5  Correct Answer:  1&2 | |
| 4 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the outputof below code:**  **package p1;**  **class Parent {**  **public static void doWork() {**  **System.out.println("Parent");**  **}**  **}**  **class Child extends Parent {**  **public static void doWork() {**  **System.out.println("Child");**  **}**  **}**  **class Test {**  **public static void main(String[] args) {**  **Child.doWork();**  **}**  **}** | | Selected Option:  Parent Child  Correct Answer:  Child | |

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| 5 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following statements:**  **Statement A: GenericServlet is an abstract class**  **Statement B: GenericServlet internally implements Servlet interface**  **Which of the following is true about these statements?** | | Selected Option:  Statement A is true and statement B is false.  Correct Answer:  Statement A is true and statement B is true. | |
| 6 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Translation and Compilation of JSP happens during:** | | Selected Option:  Deployment  Correct Answer:  Deployment | |

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| 7 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the uses of XML parsers?**  **1.Parsing XML files and retrieving data from XML elements**  **2.Creating XML files programmatically**  **3.Used to direct conversion using an XSLT processor** | | Selected Option:  2&3  Correct Answer:  1&2 | |
| 8 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which one is required as a sub-element of listener tag  in Deployment Descriptor?** | | Selected Option:  <listener-class>  Correct Answer:  <listener-class> | |

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| 9 | |  | | --- | | **Carefully read the question and answer accordingly.**  **For the given Employee class**  **package com.cts;**  **public class Employee{**  **private String strEmpID="";**  **public String getEmpId() {**  **return this.strEmpID;**  **}**  **public void setEmpId(String strEmpID){**  **this.strEmpID=strEmpID;**  **}**  **}**  **We have the JSP file**  **<jsp:useBean id="employee" class="com.cts.Employee" scope="request">**  **<property name="person" property="empId" value="<%= request.getParameter("empId")%>" />**  **</jsp:useBean>**  **<html>**  **<body>**  **Employee Id:**  **</body></html>**  **Identify the JSP tag from the given options to print the employee id.** | | Selected Option:  <jsp:getProperty name="employee" property="employee.empId"/>  Correct Answer:  <Jsp:getProperty name="employee" property="empId"/> | |
| 10 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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 the above code snippet?** | | Selected Option:  FALSE  Correct Answer:  FALSE | |

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| 11 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In JavaScript, for reading the contents inside the first paragraph tag which statement is used?** | | Selected Option:  document.getElementsByTagName("p")[0].innerText;  Correct Answer:  document.getElementsByTagName("p")[0].innerText; | |
| 12 | |  | | --- | | **Carefully read the question and answer accordingly.**  **TreeSet uses which two interfaces to sort the data** | | Selected Option:  SortTable  Serializable  SortedSet  Correct Answer:  SortedSet  Comparable | |

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| 13 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Scripting can be blocked in a jsp by:** | | Selected Option:  Declaring <scripting-invalid> tag at the top of JSP page  Correct Answer:  Putting <scripting-invalid> element in web.xml | |
| 14 | |  | | --- | | **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.** | | Selected Option:  Check whether you have implemented Customer class with Serializable interface  Correct Answer:  Check whether you have implemented Customer class with Serializable interface | |

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| 15 | |  | | --- | | **Carefully read the question and answer accordingly.**  **An art of identifying, organizing, controlling and verifying the modification to the software work products built by the developer.** | | Selected Option:  SCM  Correct Answer:  SCM | |
| 16 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for 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);**  **}**  **}** | | Selected Option:  0,6  Correct Answer:  0,6 | |

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| 17 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following variable represents the uncaught throwable object that resulted from a call to the error page in JSP?** | | Selected Option:  Exception  Correct Answer:  Exception | |
| 18 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the major areas PMD tool scans java code?** | | Selected Option:  All of the listed options  Correct Answer:  All of the listed options | |

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| 19 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In conditional control statements, if the condition yields NULL, its associated sequence of statements is not executed** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 20 | |  | | --- | | **Carefully read the question and answer accordingly.**  **A Web application developed for an institution requires insertion of a header file comprising the logo and institution name. Identify the correct JSP tag from the options given below to add the logo and institution name to all the pages of the Web application.** | | Selected Option:  <%@ include file="Header.html" %>  Correct Answer:  <%@ include file="Header.html" %> | |

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| 21 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What does DTD stands for?** | | Selected Option:  Document Type Definition  Correct Answer:  Document Type Definition | |
| 22 | |  | | --- | | **Carefully read the question and answer accordingly.**  **A Java Server Page (JSP) cannot be deployed in web server** | | Selected Option:  FALSE  Correct Answer:  FALSE | |

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| 23 | |  | | --- | | **Carefully read the question and answer accordingly.**  **A filter configuration object used by a servlet container to pass information to a filter during initialization.**  **State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 24 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Does the below code compares 2 collections?**  **DECLARE**  **TYPE Clientele IS TABLE OF VARCHAR2(64);**  **group1 Clientele := Clientele('Customer 1', 'Customer 2');**  **group2 Clientele := Clientele('Customer 1', 'Customer 3');**  **BEGIN**  **IF group1 = group2 THEN**  **...**  **END IF;**  **END;** | | Selected Option:  FALSE  Correct Answer:  FALSE | |

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| 25 | |  | | --- | | **Carefully read the question and answer accordingly.**  **State whether TRUE or FALSE.**  **If any class has at least one abstract method you must declare it as abstract class** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 26 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the two common exceptions in JAXP?**  **1.ParserConfigurationException**  **2.FactoryConfigurationException**  **3.FactoryConfigurationError** | | Selected Option:  1&3  Correct Answer:  1&3 | |

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| 27 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Within try block if System.exit(0) is called then also finally block is going to be executed.**  **State True or False.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |
| 28 | |  | | --- | | **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** | | Selected Option:  1&2  Correct Answer:  1&2 | |

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| 29 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Servlet A receives a request that it forwards to servlet B within another web application in the same web container. Servlet A needs to share data with servlet B and that data must not be visible to other servlets in A's web application. In which object can the data that A shares with B be stored?** | | Selected Option:  ServletContext  Correct Answer:  HttpServletRequest | |
| 30 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following code snippet:**  **ServletContext sc = this.getServletContext();**  **RequestDispatcher dis = sc.getRequestDispatcher("/menu.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 outcome when the above lines are executed?** | | Selected Option:  Compilation error  Correct Answer:  Compilation and output of the contents of menu.jsp followed by "Output after menu.jsp" | |

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| 31 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The user SCOTT who is the owner of ORDERS and SUPPLIERS tables issues the following GRANT command:**  **GRANT ALL**  **ON orders, Suppliers TO PUBLIC;**  **What correction needs to be done to the above statement?** | | Selected Option:  WITH GRANT OPTION should be added to the statement.  Correct Answer:  Separate GRANT statements are required for ORDERS and SUPPLIERS tables. | |
| 32 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for following code?**  **public class Variabledec {**  **public static void main(String[]args){**  **boolean x = true;**  **int a;**  **if(x) a = x ? 2: 1;**  **else a = x ? 3: 4;**  **System.out.println(a);**  **}**  **}** | | Selected Option:  2  Correct Answer:  2 | |

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| 33 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which complex type signifies that only one of the child elements can appear?** | | Selected Option:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName" type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice></xs:complexType>  Correct Answer:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName" type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice></xs:complexType> | |
| 34 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The below html meta tag will reload page automatically every 60 \_\_\_\_\_\_ .**  **<meta http-equiv="refresh" content="60">** | | Selected Option:  seconds  Correct Answer:  seconds | |

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| 35 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider you are creating a cursor,Choose the correct sequence of steps to work with cursors?** | | Selected Option:  Declare , Open , Fetch , Close  Correct Answer:  Declare , Open , Fetch , Close | |
| 36 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Examine the code snippet**  **declare**  **TYPE CITY is TABLE of varchar2(20) index by PLS\_INTEGER;**  **v1 CITY;**  **begin**  **v1(1):='Bangalore';**  **v1(6):='Mumbai';**  **v1(2):='Delhi';**  **dbms\_output.put\_line(v1.count());**  **dbms\_output.put\_line(v1(2));**  **dbms\_output.put\_line(v1.next(6));**  **end;**  **what will be the output of the above code?** | | Selected Option:  Compiles , executes prints 3 Delhi  Correct Answer:  Compiles , executes prints 3 Delhi | |

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| 37 | |  | | --- | | **Carefully read the question and answer accordingly.**  **HTML is used to perform the programming logic.**  **State True or False.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |
| 38 | |  | | --- | | **Carefully read the question and answer accordingly.**  **How do you declare a tag library within a JSP page to use custom tags?** | | Selected Option:  By using taglib directive.  Correct Answer:  By using taglib directive. | |

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| 39 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Try can be followed with either catch or finally.**  **State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 40 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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?** | | Selected Option:  By programming filters  Correct Answer:  By programming filters | |

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| 41 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following interface represents the Servlet Config for the current Servlet?** | | Selected Option:  javax.servlet.ServletConfig  Correct Answer:  javax.servlet.ServletConfig | |
| 42 | |  | | --- | | **Carefully read the question and answer accordingly.**  **A procedure containing a single OUT parameter would be better rewritten as a function returning the value.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 43 | |  | | --- | | **Carefully read the question and answer accordingly.**  **what is the way to iterate over the elements of a Map** | | Selected Option:  foreach  list Iterator  Iterator  Correct Answer:  foreach  Iterator | |
| 44 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Select the advantages of using coding conventions in java application development.** | | Selected Option:  All of the listed options  Correct Answer:  All of the listed options | |

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| 45 | |  | | --- | | **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 SQLException,ClassNotFoundException**  **{**  **Class.forName("oracle.jdbc.driver.OracleDriver");**  **Connection con=DriverManager.getConnection("jdbc:oracle:thin:@PC188681:1521:training","scott","tiger");**  **Statement stmt=con.createStatement();**  **ResultSet rs=stmt.executeQuery("SELECT \* FROM Person");**  **while(rs.next())**  **{**  **System.out.println(rs.getString("column1"));**  **}**  **}**  **}** | | Selected Option:  Class.forName must be mentioned after Connection statement  Correct Answer:  The code will display all values in column named column1 | |
| 46 | |  | | --- | | **Carefully read the question and answer accordingly.**  **If the application is associated with JDK, it will lead to lighter memory footprint compared associating the application to JRE** | | Selected Option:  FALSE  Correct Answer:  FALSE | |

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| 47 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The method Class.forName() is a part of JDBC API. State True or False.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |
| 48 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which design pattern used in creating connections using Java Database Connectivity (JDBC) API** | | Selected Option:  Abstract Factory  Correct Answer:  Factory Pattern | |

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| 49 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output of the below query?**  **SELECT \* FROM suppliers**  **WHERE supplier\_name LIKE '!%' escape '!';** | | Selected Option:  All supplier record whose name starts with ! will be displayed  Correct Answer:  All supplier record whose name starts with % will be displayed | |
| 50 | |  | | --- | | **Carefully read the question and answer accordingly.**  **State whether TRUE or FALSE.**  **Threads are small process which run in shared memory space within a process.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 51 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following SQL statements will calculate and return the absolute value of -80?** | | Selected Option:  SELECT ABS("-80") Absolute FROM DUAL  Correct Answer:  SELECT ABS(-80) "Absolute" FROM DUAL | |
| 52 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following statements:**  **Statement A: A tag library descriptors an XML document that contains information about a library as a whole and about each tag contained in the library.**  **Statement B: TLDs are used by a Web container to validate the tags used by JSP page development tools.**  **Which of the following is true about these statements?** | | Selected Option:  Statement A is true and statement B is true.  Correct Answer:  Statement A is true and statement B is true. | |

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| 53 | |  | | --- | | **Carefully read the question and answer accordingly.**  **State TRUE or FALSE.**  **getParent() gives the parent directory of the file and isFile() Tests whether the file denoted by the given abstract pathname is a normal file.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 54 | |  | | --- | | **Carefully read the question and answer accordingly.**  **DIV tag creates linebreaks similar to paragraph tags.**  **State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 55 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider you are developing an application where you have to store and retrieve data in character format in file. Which API you will use to store and retrieve the data in character format?** | | Selected Option:  Collection APIs  Correct Answer:  Reader and Writer Stream APIs | |
| 56 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the output of the current code segment ?**  **<c:forTokens items=“a,b,c,d,e” delims=“,” begin=“0” end=“4” step=“2” var=“alphabet”>**  **<c:out value=“${alphabet}”/>**  **</c:forTokens>** | | Selected Option:  b,d  Correct Answer:  a,c,e | |

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| 57 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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**  **II: GET** | | Selected Option:  I  Correct Answer:  I | |
| 58 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the code segment given below:**  **List list = new ArrayList();**  **list.add(“1”);**  **list.add(“2”);**  **list.add(“3”);**  **list.add(“4”);**  **request.setAttribute(“list”, list);**  **String[] names = {“a”, “b”, “c”, “d”, “e”};**  **What will ${names[list[0] + 1]} display?** | | Selected Option:  c  Correct Answer:  c | |

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| 59 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In Oracle10g database, control files contain information that describes the names, locations, and sizes of the database files. State true or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 60 | |  | | --- | | **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** | | Selected Option:  1&4  Correct Answer:  1&4 | |
| 1 | |  | | --- | | **Carefully read the question and answer accordingly.**  **A developer designs a web application that must support multiple user interfaces such as**  **1. XML based web services for Business to Business clients**  **2. HTML for web based clients**  **3. WML for wireless clients**  **Which design pattern provides the solution for this requirement.** | | Selected Option:  Model - View - Controller  Correct Answer:  Model - View - Controller | |
| 2 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output of the below query?**  **select to\_CHAR(sysdate+(10/1400),'HH:MI:SS') from dual;** | | Selected Option:  adds 10 minutes to the current Timestamp  Correct Answer:  adds 10 minutes to the current Timestamp | |

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| 3 | |  | | --- | | **Carefully read the question and answer accordingly.**  **which are the Basic features of implementations of interfaces in Collections Framework in java?** | | Selected Option:  All implementations support having null elements.  All implementations are serializable and cloneable  Correct Answer:  All implementations are unsynchronized  All implementations support having null elements.  All implementations are serializable and cloneable | |
| 4 | |  | | --- | | **Carefully read the question and answer accordingly.**  **what is the way to iterate over the elements of a Map** | | Selected Option:  Iterator  foreach  Correct Answer:  foreach  Iterator | |

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| 5 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the syntax of Function?**  **CREATE [OR REPLACE] FUNCTION function\_name [parameters]**  **IS**  **Declaration\_section**  **RETURN return\_datatype;**  **BEGIN**  **Execution\_section**  **Return return\_variable;**  **EXCEPTION**  **exception section**  **Return return\_variable;**  **END;** | | Selected Option:  FALSE  Correct Answer:  FALSE | |
| 6 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of these interface is not a member of java.io package?** | | Selected Option:  FileFilter  Correct Answer:  ObjectFilter | |

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| 7 | |  | | --- | | **Carefully read the question and answer accordingly.**  **When Oracle starts an instance, it reads the server parameter file called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.** | | Selected Option:  SPFILE  Correct Answer:  SPFILE | |
| 8 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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>** | | Selected Option:  It will display the current time as hh:mm:ss.  Correct Answer:  It will display the current time as hh:mm:ss. | |

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| 9 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which object of JSP holds reference to javax.servlet.http.HttpSession object?** | | Selected Option:  session  Correct Answer:  session | |
| 10 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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, for example).** | | Selected Option:  Option 1  Correct Answer:  Option 1 | |

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| 11 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Identify the correct syntax to create a sequence which generates values as 2,4,6,8,10?** | | Selected Option:  Create sequence MySeq Start with 2 Increment by 2  Correct Answer:  Create sequence MySeq Start with 2 Increment by 2 | |
| 12 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following statements:**  **Statement A: Modules of Java code run in a server application is called Applet**  **Statement B: Modules of Java code run at client side is called Servlet**  **Which of the following is true about these statements?** | | Selected Option:  Statement A is true and statement B is false.  Correct Answer:  Statement A is false and statement B is false. | |

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| 13 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output of following code?**  **public class Exception1{**  **public static void main(String args[]) {**  **int i=1, j=1;**  **try {**  **i++;**  **j--;**  **if(i/j > 1)**  **i++;**  **} catch(ArithmeticException e) {**  **System.out.println(0);**  **} catch(ArrayIndexOutOfBoundsException e) {**  **System.out.println(1);**  **} catch(Exception e) {**  **System.out.println(2);**  **}**  **finally {**  **System.out.println(3);**  **}**  **System.out.println(4);**  **}**  **}**  **1.0**  **2.1**  **3.3**  **4.4.** | | Selected Option:  1&3&4  Correct Answer:  1&3&4 | |
| 14 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Choose a valid package name in Java?**  **1.com.sun.eng**  **2.123pack**  **3.pack123**  **4.outerpack\_innerpack** | | Selected Option:  1&3&4  Correct Answer:  1&3&4 | |

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| 15 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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**  **II: GET** | | Selected Option:  I  Correct Answer:  I | |
| 16 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which anonymous block to select first 3 highest paid salary and to insert into a temp table without any duplicate entry.**  **TABLE DATA : TBL\_EMPLOYEES**  **EmployeeID Salary DepartmentID**  **258963 3000 20**  **257896 6000 30**  **457892 3000 40**  **564232 3000 40**  **254589 8000 50**  **784555 5000 20** | | Selected Option:  DECLARE CURSOR c1 is SELECT employeeid, firstname||','||lastname "Name" , salary FROM tbl\_employees ORDER BY salary DESC; v\_employeeid NUMBER; v\_name VARCHAR2(30); v\_salary NUMBER; BEGIN OPEN c1; FOR i IN 1..3 LOOP FETCH c1 INTO v\_employeeid, v\_name, v\_salary; INSERT INTO temp VALUES (v\_employeeid, v\_name, v\_salary); EXIT WHEN c1%NOTFOUND; COMMIT; END LOOP; CLOSE c1; END;  Correct Answer:  DECLARE CURSOR c1 is SELECT employeeid, firstname||','||lastname "Name" , salary FROM tbl\_employees ORDER BY salary DESC; v\_employeeid NUMBER; v\_name VARCHAR2(30); v\_salary NUMBER; BEGIN OPEN c1; FOR i IN 1..3 LOOP FETCH c1 INTO v\_employeeid, v\_name, v\_salary; INSERT INTO temp VALUES (v\_employeeid, v\_name, v\_salary); EXIT WHEN c1%NOTFOUND; COMMIT; END LOOP; CLOSE c1; END; | |

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| 17 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which object provides you with methods to access data from the table?** | | Selected Option:  ResultSet  Correct Answer:  ResultSet | |
| 18 | |  | | --- | | **Carefully read the question and answer accordingly.**  **DIV tag creates linebreaks similar to paragraph tags.**  **State True or False.** | | Selected Option:  FALSE  Correct Answer:  TRUE | |

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| 19 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What happens when the following code is compiled and run. Select the one correct**  **answer.**  **for(int i = 1; i < 3; i++)**  **for(int j = 3; j >= 1; j--)**  **assert i!=j : i;** | | Selected Option:  The program generates a compilation error.  Correct Answer:  The number 1 gets printed with AssertionError | |
| 20 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following keywords ensures that a method cannot be overridden?** | | Selected Option:  final  Correct Answer:  final | |

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| 21 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In conditional control statements, if the condition yields NULL, its associated sequence of statements is not executed** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 22 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which method of jsp is equivalent to service method of servlet?** | | Selected Option:  \_jspService()  Correct Answer:  \_jspService() | |

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| 23 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the sequence of output of the following code?**  **DECLARE**  **TYPE list\_of\_names\_t IS TABLE OF emp.ename%TYPE**  **INDEX BY BINARY\_INTEGER;**  **family\_mem list\_of\_names\_t;**  **l\_row BINARY\_INTEGER;**  **BEGIN**  **family\_mem (100) := 'Veena';**  **family\_mem (-15) := 'Sheela';**  **family\_mem (-30) := 'Syed';**  **family\_mem (88) := 'Raji';**  **l\_row := family\_mem.FIRST;**  **WHILE (l\_row IS NOT NULL)**  **LOOP**  **DBMS\_OUTPUT.put\_line ( family\_mem(l\_row));**  **l\_row := family\_mem.NEXT (l\_row);**  **END LOOP;**  **END;** | | Selected Option:  Sheela, Syed, Veena, Raji  Correct Answer:  Syed, Sheela,Raji, Veena | |
| 24 | |  | | --- | | **Carefully read the question and answer accordingly.**  **An art of identifying, organizing, controlling and verifying the modification to the software work products built by the developer.** | | Selected Option:  SCM  Correct Answer:  SCM | |

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| 25 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following codes will allow the user to load the servlet using form. The form should first display submit button and when the user clicks on submit button it should load the servlet called myservlet?** | | Selected Option:  <HTML> <BODY> <FORM ACTION=http://localhost:8080/servlet/myservlet METHOD=GET> <INPUT TYPE=SUBMIT VALUE=SUBMIT> </FORM> </BODY> </HTML>  Correct Answer:  <HTML> <BODY> <FORM ACTION=http://localhost:8080/servlet/myservlet METHOD=GET> <INPUT TYPE=SUBMIT VALUE=SUBMIT> </FORM> </BODY> </HTML> | |
| 26 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In JSP request implicit object is of which type?** | | Selected Option:  HttpServletRequest  Correct Answer:  HttpServletRequest | |

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| 27 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Any text that should not be parsed by the xml parser needs to declare as:**  **I: PCDATA**  **II: CDATA** | | Selected Option:  II  Correct Answer:  II | |
| 28 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the code segment given below:**  **List list = new ArrayList();**  **list.add(“1”);**  **list.add(“2”);**  **list.add(“3”);**  **list.add(“4”);**  **request.setAttribute(“list”, list);**  **String[] names = {“a”, “b”, “c”, “d”, “e”};**  **What will ${names[list[0] + 1]} display?** | | Selected Option:  c  Correct Answer:  c | |

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| 29 | |  | | --- | | **Carefully read the question and answer accordingly.**  **If you want to know when a request attribute has been removed,added or replaced, then which listener is the appropriate one?** | | Selected Option:  HttpRequestListener  Correct Answer:  ServletRequestAttributeListener | |
| 30 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following attributes of page directive are invalid?** | | Selected Option:  isScriptingEnabled  Correct Answer:  isScriptingEnabled | |

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| 31 | |  | | --- | | **Carefully read the question and answer accordingly.**  **How can an existing session in servlet can be destroyed ?**  **1.programmatically using session.invalidate()**  **2.by calling session.service() method**  **3.by closing the browser**  **4.when the server itself is shut down** | | Selected Option:  1&4  Correct Answer:  1&4 | |
| 32 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following statements:**  **Statement A: A tag library descriptors an XML document that contains information about a library as a whole and about each tag contained in the library.**  **Statement B: TLDs are used by a Web container to validate the tags used by JSP page development tools.**  **Which of the following is true about these statements?** | | Selected Option:  Statement A is true and statement B is true.  Correct Answer:  Statement A is true and statement B is true. | |

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| 33 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the uses of XML parsers?**  **1.Parsing XML files and retrieving data from XML elements**  **2.Creating XML files programmatically**  **3.Used to direct conversion using an XSLT processor** | | Selected Option:  1&2  Correct Answer:  1&2 | |
| 34 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the use of attributes in HTML tags?** | | Selected Option:  Provides additional behaviour to the tag  Correct Answer:  Provides additional behaviour to the tag | |

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| 35 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Select the best definition for Why Collection needed in Oracle?** | | Selected Option:  Every time a software application connect up with a database, there is a performance value to be paid. Not only that, programs that continually switch off between code and SQL can become quite complex.  Correct Answer:  Every time a software application connect up with a database, there is a performance value to be paid. Not only that, programs that continually switch off between code and SQL can become quite complex. | |
| 36 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Variables in Java Script should be declared with data types.**  **State True or False.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |

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| 37 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the Following Statements are true?**  **Statement A : Join permanently joins two tables having 1 or more common attributes**  **Statement B: Inner Joins are also called as EQUI Joins** | | Selected Option:  Both statements A and B are true.  Correct Answer:  Statement A is false and B is true. | |
| 38 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Select the right coding best practices followed while using java Collections.**  **1.Use for loop instead of iterator**  **2.Use Collections with generic with same type of data.**  **3.Copy collections into other collections by calling addAll() methods instead using iterator to copy each collection element.** | | Selected Option:  2&3  Correct Answer:  2&3 | |

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| 39 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following code snippet:**  **<jsp:forward page="relativeURLspec"/>**  **Which of the following statements is true about the execution status of the page where this statement has been written?** | | Selected Option:  The execution of the current page is terminated.  Correct Answer:  The execution of the current page is terminated. | |
| 40 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which is the super class for Exception and Error?** | | Selected Option:  Throwable  Correct Answer:  Throwable | |

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| 41 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Using prefix c to represent the JSTL library, which of the following produces the same result as <%= var %>?** | | Selected Option:  <c:out value=${var}>  Correct Answer:  <c:out value=${var}> | |
| 42 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is not an attribute of meta tag?** | | Selected Option:  value  Correct Answer:  value | |

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| 43 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In JavaScript, for accessing first paragraph tag in the document which of the statement is used?** | | Selected Option:  document.getElementsByTagName("p")[0]  Correct Answer:  document.getElementsByTagName("p")[0] | |
| 44 | |  | | --- | | **Carefully read the question and answer accordingly.**  **If display method in super class has a protected specifier then what should be the specifier for the overriding display method in sub class?** | | Selected Option:  protected or public  Correct Answer:  protected or public | |

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| 45 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following deployment descriptor(web.xml)file:**  **<session-config>**  **<session-timeout>**  **30**  **</session-timeout>**  **</session-config>**  **Then, in the Servlet program code setMaxInactiveInterval(600)(seconds) for the session object is invoked. After how long would session expire? Select one answer from the following.** | | Selected Option:  30 minutes  Correct Answer:  10 minutes | |
| 46 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following listed option gives the valid type of object to store a date and time combination using JDBC API?** | | Selected Option:  java.util.Date  Correct Answer:  java.sql.Timestamp | |

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| 47 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which complex type signifies that only one of the child elements can appear?** | | Selected Option:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName" type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice></xs:complexType>  Correct Answer:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName" type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice></xs:complexType> | |
| 48 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of these is not valid method in Thread class** | | Selected Option:  void start()  Correct Answer:  boolean getPriority() | |

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| 49 | |  | | --- | | **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** | | Selected Option:  1&2  Correct Answer:  1&2 | |
| 50 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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");**  **}**  **}** | | Selected Option:  both strings are not equal  Correct Answer:  both strings are not equal | |

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| 51 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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 code line 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?** | | Selected Option:  chain.doFilter(request, response);  Correct Answer:  chain.doFilter(request, response); | |
| 52 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Select the key advantages of using Store procedures in database management system.** | | Selected Option:  All of the listed options  Correct Answer:  All of the listed options | |

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| 53 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which statement creates DocumentBuilderFactory instance?** | | Selected Option:  DocumentBuilderFactory f=DocumentBuilderFactory.newInstance();  Correct Answer:  DocumentBuilderFactory f=DocumentBuilderFactory.newInstance(); | |
| 54 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the use of ServletConfig interface?** | | Selected Option:  A servlet configuration object used by a servlet container to pass information to a servlet during initialization  Correct Answer:  A servlet configuration object used by a servlet container to pass information to a servlet during initialization | |

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| 55 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of these is executed first before execution of any other thing takes place in a program?** | | Selected Option:  main method  Correct Answer:  static block code | |
| 56 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the benefits of Logging?**  **1.Debug applications issues easily**  **2.Detect complier errors easily**  **3.Trouble Shoot performance problems** | | Selected Option:  1&3  Correct Answer:  1&3 | |

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| 57 | |  | | --- | | **Carefully read the question and answer accordingly.**  **How do you declare a tag library within a JSP page to use custom tags?** | | Selected Option:  By using taglib directive.  Correct Answer:  By using taglib directive. | |
| 58 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Mention some of the important functions of Servlet Filter.**  **1.Security Checks**  **2.allowing all the users**  **3.Modifying the request or response** | | Selected Option:  1&3  Correct Answer:  1&3 | |

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| 59 | |  | | --- | | **Carefully read the question and answer accordingly.**  **State whether TRUE or FALSE.**  **The below code will compile & provide desired output:**  **package p1;**  **class Parent {**  **private int doWork(){**  **System.out.println("Do Work - Parent");**  **return 0;**  **}**  **}**  **class Child extends Parent {**  **public void doWork(){**  **System.out.println("Do Work - Child");**  **}**  **}**  **class Test{**  **public static void main(String[] args) {**  **new Child().doWork();**  **}**  **}** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 60 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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 knowingly or unknowingly from different ATM machine from same or different bank branches. As developer you have to ensure that when one user login to account until he finishes 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?** | | Selected Option:  Using Thread Synchronization  Correct Answer:  Using Thread Synchronization | |
| 1 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the value of variable "I" after execution of following code?**  **public class Evaluate**  **{**  **public static void main(String[]args)**  **{**  **int i=10;**  **if(((i++)>12)&&(++i<15))**  **System.out.println(i);**  **else**  **System.out.println(i);**  **}**  **}** | | Selected Option:  11  Correct Answer:  11 | |
| 2 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider Vijay is developing web page using HTML.Which method he can use for sending data securely on submitting the form?**  **I: POST**  **II: GET** | | Selected Option:  I  Correct Answer:  I | |

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| 3 | |  | | --- | | **Carefully read the question and answer accordingly.**  **which of these are the subclass of Exception class** | | Selected Option:  Throwable  IOException  Correct Answer:  IOException  RunTimeException  FileNotFindException | |
| 4 | |  | | --- | | **Carefully read the question and answer accordingly.**  **When a database is created the users SYS and SYSTEM are created automatically and granted the DBA role. State True or False.** | | Selected Option:  FALSE  Correct Answer:  TRUE | |

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| 5 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the major areas PMD tool scans java code?** | | Selected Option:  All of the listed options  Correct Answer:  All of the listed options | |
| 6 | |  | | --- | | **Carefully read the question and answer accordingly.**  **If you want to know when a request attribute has been removed,added or replaced, then which listener is the appropriate one?** | | Selected Option:  ServletRequestAttributeListener  Correct Answer:  ServletRequestAttributeListener | |

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| 7 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider you are creating a JSP page. You want to use the classes of java.util package. Which statement will you use to import the java.util package?** | | Selected Option:  <%@ page import="java.util.\*" %>  Correct Answer:  <%@ page import="java.util.\*" %> | |
| 8 | |  | | --- | | **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** | | Selected Option:  1&2  Correct Answer:  1&2 | |

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| 9 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following statement is true regarding try-catch-finally?** | | Selected Option:  All of the listed options  Correct Answer:  All of the listed options | |
| 10 | |  | | --- | | **Carefully read the question and answer accordingly.**  **If display method in super class has a protected specifier then what should be the specifier for the overriding display method in sub class?** | | Selected Option:  protected or default  Correct Answer:  protected or public | |

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| 11 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following correctly defines use of DTD in XML development?** | | Selected Option:  All of the listed options  Correct Answer:  All of the listed options | |
| 12 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Variables in Java Script should be declared with data types.**  **State True or False.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |

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| 13 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following variable represents the uncaught throwable object that resulted from a call to the error page in JSP?** | | Selected Option:  Exception  Correct Answer:  Exception | |
| 14 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for following code?**  **public class VariableDec**  **{**  **public static void main(String[]args)**  **{**  **int x = 1;**  **if(x>0 )**  **x = 3;**  **switch(x)**  **{**  **case 1: System.out.println(1);**  **case 0: System.out.println(0);**  **case 2: System.out.println(2);**  **break;**  **case 3: System.out.println(3);**  **default: System.out.println(4);**  **break;**  **}**  **}**  **}** | | Selected Option:  3 4  Correct Answer:  3 4 | |

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| 15 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which JSTL code snippet can be used to perform URL rewriting?** | | Selected Option:  <a href='<c:url value="cognizant.jsp"/>'/>  Correct Answer:  <a href='<c:url value="cognizant.jsp"/>'/> | |
| 16 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for following code?**  **public class CompareStrings{**  **public static void main(String[]args){**  **String a=new String("string");**  **String s=new String("string");**  **if(a==s)**  **System.out.println("both strings are equal");**  **else**  **System.out.println("both strings are not equal");**  **}**  **}** | | Selected Option:  both strings are not equal  Correct Answer:  both strings are not equal | |

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| 17 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Statement A:Listener process scans for connection requests to an Oracle Instance**  **Statement B:Listener process links up a dispatcher process to user process.**  **which of the following is true?** | | Selected Option:  Statement A is true and Statement B is false  Correct Answer:  Both Statements A and B are true | |
| 18 | |  | | --- | | **Carefully read the question and answer accordingly.**  **When comparable interface is used which method should be overridden?** | | Selected Option:  compareTo  Correct Answer:  compareTo | |

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| 19 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which collection class allows you to associate its elements with key values** | | Selected Option:  java.utill.Map  java.util.HashMap  java.util.Dictionary  Correct Answer:  java.util.Dictionary  java.util.HashMap | |
| 20 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the two common exceptions in JAXP?**  **1.ParserConfigurationException**  **2.FactoryConfigurationException**  **3.FactoryConfigurationError** | | Selected Option:  1&3  Correct Answer:  1&3 | |

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| 21 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In the below code, if we declare List interface instead of ArrayList, it would be easier to change any List implementation to store customer details in future. By defining ArrayList here the programmer tightly couples the ArrayList in his application.**  **class CustomerList {**  **ArrayList customerList;**  **public CustomerList(ArrayList list){**  **customerList=list;**  **}**  **}** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 22 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following correctly fits for the definition 'holding instances of other objects'?** | | Selected Option:  Generic  Correct Answer:  Aggregation | |

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| 23 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In which case should you use a FULL OUTER JOIN?** | | Selected Option:  You want all matched and unmatched data from only one table.  Correct Answer:  You want all unmatched data from both tables. | |
| 24 | |  | | --- | | **Carefully read the question and answer accordingly.**  **An art of identifying, organizing, controlling and verifying the modification to the software work products built by the developer.** | | Selected Option:  SCM  Correct Answer:  SCM | |

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| 25 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following statements:**  **Statement A: A tag library descriptors an XML document that contains information about a library as a whole and about each tag contained in the library.**  **Statement B: TLDs are used by a Web container to validate the tags used by JSP page development tools.**  **Which of the following is true about these statements?** | | Selected Option:  Statement A is true and statement B is true.  Correct Answer:  Statement A is true and statement B is true. | |
| 26 | |  | | --- | | **Carefully read the question and answer accordingly.**  **InputStream is the class used for stream of characters.**  **State True or False.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |

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| 27 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is applicable to Servlet Containers?** | | Selected Option:  These are responsible for managing the lifecycle of servlets, mapping a URL (Universal Resource Locator) to a particular servlet, and ensuring that the URL requester has got the correct access rights  Correct Answer:  All of the listed options | |
| 28 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Examine the description of the employees table:**  **EMP\_ID NUMBER (4) NOT NULL**  **LAST\_NAME VARCHAR2 (30) NOT NULL**  **FIRST\_NAME VARCHAR2 (30)**  **DEPT\_ID NUMBER (2)**  **JOB\_CAT VARCHAR (30)**  **SALARY NUMBER (8, 2)**  **Which of the following SQL statements shows the department ID, minimum salary, and maximum salary paid in that department, only if the minimum salary is less than 2000 and maximum salary is more than 5000?** | | Selected Option:  SELECT dept\_id, MIN (salary), MAX (salary) FROM employees GROUP BY dept\_id HAVING MIN(salary) < 2000 AND MAX (salary) > 5000  Correct Answer:  SELECT dept\_id, MIN (salary), MAX (salary) FROM employees GROUP BY dept\_id HAVING MIN(salary) < 2000 AND MAX (salary) > 5000 | |

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| 29 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following tag disables scriplets?** | | Selected Option:  <is-scripting-invalid>  Correct Answer:  <scripting-invalid> | |
| 30 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Comparisons involving nulls always yield NULL** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 31 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which complex type signifies that only one of the child elements can appear?** | | Selected Option:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName" type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice></xs:complexType>  Correct Answer:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName" type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice></xs:complexType> | |
| 32 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output of the query?**  **Select trim(0 from '00003443500') from dual?** | | Selected Option:  34435  Correct Answer:  34435 | |

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| 33 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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 code line 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?** | | Selected Option:  chain.doFilter(request, response);  Correct Answer:  chain.doFilter(request, response); | |
| 34 | |  | | --- | | **Carefully read the question and answer accordingly.**  **HTTP is stateful protocol which maintains clients state automatically. State True or False.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |

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| 35 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In JavaScript, for reading the contents inside the first paragraph tag which statement is used?** | | Selected Option:  document.getElementsByTagName("p")[0].innerText;  Correct Answer:  document.getElementsByTagName("p")[0].innerText; | |
| 36 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is build tool?** | | Selected Option:  ANT  Correct Answer:  ANT | |

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| 37 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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();**  **}**  **}**  **What will be the result?** | | Selected Option:  Compilation fails.  Correct Answer:  An exception is thrown at runtime. | |
| 38 | |  | | --- | | **Carefully read the question and answer accordingly.**  **How do you declare a tag library within a JSP page to use custom tags?** | | Selected Option:  By using taglib directive.  Correct Answer:  By using taglib directive. | |

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| 39 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the trigger is used to log all errors and also to do some special processing when the log error is 1017?** | | Selected Option:  CREATE TRIGGER log\_errors AFTER SERVERERROR ON DATABASE BEGIN IF (IS\_SERVERERROR (1017)) THEN <special processing of logon error> ELSE <log error number> END IF; END;  Correct Answer:  CREATE TRIGGER log\_errors AFTER SERVERERROR ON DATABASE BEGIN IF (IS\_SERVERERROR (1017)) THEN <special processing of logon error> ELSE <log error number> END IF; END; | |
| 40 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following tag is used to specify the initialization parameters in the web.xml file?** | | Selected Option:  <init-param>  Correct Answer:  <init-param> | |

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| 41 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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?** | | Selected Option:  <% if(Integer.parseInt(request.getParameter("marks"))>=60) { %> <jsp:forward page="Ex.jsp" /> <% } else { %> <jsp:forward page="Av.jsp" /> <% } %>  Correct Answer:  <% if(Integer.parseInt(request.getParameter("marks"))>=60) { %> <jsp:forward page="Ex.jsp" /> <% } else { %> <jsp:forward page="Av.jsp" /> <% } %> | |
| 42 | |  | | --- | | **Carefully read the question and answer accordingly.**  **You being a software developer needs to develop a web application for your organization. You decided to use servlets to create the web application. While you are creating the servlet you feel the need to write the code for the initialization of the servlet. This is needed to initialize the servlet with the required data after the servlet instance has been created. How will you perform this task?** | | Selected Option:  By overriding the init method in the servlet class.  Correct Answer:  By overriding the init method in the servlet class. | |

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| 43 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the uses of XML parsers?**  **1.Parsing XML files and retrieving data from XML elements**  **2.Creating XML files programmatically**  **3.Used to direct conversion using an XSLT processor** | | Selected Option:  1&2  Correct Answer:  1&2 | |
| 44 | |  | | --- | | **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** | | Selected Option:  1&4  Correct Answer:  1&4 | |

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| 45 | |  | | --- | | **Carefully read the question and answer accordingly.**  **A PL/SQL function can return more than one value from a function using PL/SQL record or PL/SQL table** | | Selected Option:  FALSE  Correct Answer:  TRUE | |
| 46 | |  | | --- | | **Carefully read the question and answer accordingly.**  **How to convert the following code using the cursor FOR LOOP?**  **DECLARE**  **CURSOR occupancy\_cur IS**  **SELECT pet\_id, room\_number**  **FROM occupancy WHERE occupied\_dt = SYSDATE;**  **occupancy\_rec occupancy\_cur%ROWTYPE;**  **BEGIN**  **OPEN occupancy\_cur;**  **LOOP**  **FETCH occupancy\_cur INTO occupancy\_rec;**  **EXIT WHEN occupancy\_cur%NOTFOUND;**  **update\_bill (occupancy\_rec.pet\_id, occupancy\_rec.room\_number);**  **END LOOP;**  **CLOSE occupancy\_cur;**  **END;** | | Selected Option:  DECLARE CURSOR occupancy\_cur IS SELECT pet\_id, room\_number FROM occupancy WHERE occupied\_dt = SYSDATE; BEGIN FOR occupancy\_rec IN occupancy\_cur LOOP update\_bill (occupancy\_rec.pet\_id, occupancy\_rec.room\_number); END LOOP; CLOSE occupancy\_cur; END;  Correct Answer:  DECLARE CURSOR occupancy\_cur IS SELECT pet\_id, room\_number FROM occupancy WHERE occupied\_dt = SYSDATE; BEGIN FOR occupancy\_rec IN occupancy\_cur LOOP update\_bill (occupancy\_rec.pet\_id, occupancy\_rec.room\_number); END LOOP; END; | |

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| 47 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following servlet code segment:**  **Map map = new HashMap();**  **map.put(“a”, “1”);**  **map.put(“b”, “2”);**  **map.put(“c”, “3”);**  **map.put(“d”, “4”);**  **request.setAttribute(“map”, map);**  **String[] names = {“a”, “b”, “c”, “d”};**  **request.setAttribute(“names” , names);**  **What does ${map[names[0]]} return?** | | Selected Option:  1  Correct Answer:  1 | |
| 48 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Mention some of the important functions of Servlet Filter.**  **1.Security Checks**  **2.allowing all the users**  **3.Modifying the request or response** | | Selected Option:  1&3  Correct Answer:  1&3 | |

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| 49 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Scripting can be blocked in a jsp by:** | | Selected Option:  Putting <scripting-invalid> element in web.xml  Correct Answer:  Putting <scripting-invalid> element in web.xml | |
| 50 | |  | | --- | | **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** | | Selected Option:  I  Correct Answer:  I | |

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| 51 | |  | | --- | | **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.** | | Selected Option:  Check whether you have implemented Customer class with Serializable interface  Correct Answer:  Check whether you have implemented Customer class with Serializable interface | |
| 52 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the use of attributes in HTML tags?** | | Selected Option:  Provides additional behaviour to the tag  Correct Answer:  Provides additional behaviour to the tag | |

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| 53 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The method Class.forName() is a part of JDBC API. State True or False.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |
| 54 | |  | | --- | | **Carefully read the question and answer accordingly.**  **jspInit() method can be overridden by the author. Say True or False** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 55 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Examine the code snippet**  **declare**  **TYPE XYZ is VARRAY(10) of NUMBER;**  **v2 XYZ; --line 1**  **x Number:=0;**  **Begin**  **v2:=XYZ(1,2,3,4,5,6,7); --line 2**  **v2.delete(1); --line 3**  **while x < v2.last –line 4**  **loop**  **x:=x+1;**  **dbms\_output.put\_line(x);**  **end loop;**  **end;**  **/**  **What will be the output of the above code ?** | | Selected Option:  Compilation fails due to error on line 1  Correct Answer:  Compilation fails due to error on line 4 | |
| 56 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider you are developing java application in a team consists of 20 developers and you have been asked to develop class by Name ProgrammerAnalyst and to ensure that other developers in team use ProgrammerAnalyst class only by creating object and team member should not be given provision to inherit and modify any functionality written in ProgrammerAnalyst class using inheritance. How do you achieve this requirement in development scenario?** | | Selected Option:  Declare the ProgrammerAnalyst class has final  Correct Answer:  Declare the ProgrammerAnalyst class has final | |

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| 57 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following code for an HTML form.**  **<form action=”/servlet/Login”>**  **<input type=”text” name=”username” value=”enter username”/>**  **<input type=”submit” name=”sbbutton” value=”signin!..”/>**  **</form>**  **Which of the following happens upon pressing the submit button in the above form?**  **1.A request is sent with the HTTP method GET.**  **2.A request is sent with the HTTP method POST.**  **3.The parameter username is the only parameter passed to the web server in the request.**  **4.The parameters username and sbbutton are passed to the web server in the request URL.** | | Selected Option:  1&4  Correct Answer:  1&4 | |
| 58 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is not an attribute of meta tag?** | | Selected Option:  value  Correct Answer:  value | |

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| 59 | |  | | --- | | **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));**  **}**  **}** | | Selected Option:  TRUE  Correct Answer:  FALSE | |
| 60 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which statements about JDBC are true?**  **1.JDBC has 5 types of Drivers**  **2.JDBC stands for Java DataBase Connectivity**  **3.JDBC is an API to access relational databases, spreadsheets and flat files**  **4.JDBC is an API to bridge the object-relational mismatch between OO programs and relational databases** | | Selected Option:  2&4  Correct Answer:  2&3 | |

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| 1 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What language is used to write servlets and JSP?** | | Selected Option:  Servlets are written in the Java language  Correct Answer:  Servlets are written in the Java language | |
| 2 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the use of attributes in HTML tags?** | | Selected Option:  Provides additional behaviour to the tag  Correct Answer:  Provides additional behaviour to the tag | |

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| 3 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Mention some of the important functions of Servlet Filter.**  **1.Security Checks**  **2.allowing all the users**  **3.Modifying the request or response** | | Selected Option:  1&3  Correct Answer:  1&3 | |
| 4 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which parser is a W3C standard?** | | Selected Option:  DOM  Correct Answer:  DOM | |

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| 5 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output of the below query?**  **SELECT \* FROM suppliers**  **WHERE supplier\_name LIKE '!%' escape '!';** | | Selected Option:  All supplier record will be displayed  Correct Answer:  All supplier record whose name starts with % will be displayed | |
| 6 | |  | | --- | | **Carefully read the question and answer accordingly.**  **DIV tag creates linebreaks similar to paragraph tags.**  **State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 7 | |  | | --- | | **Carefully read the question and answer accordingly.**  **You have a map named “carMap” with a key named “Ford”. Select correct EL syntaxes to print the value of this key.**  **1.${carMap.Ford}**  **2.${carMap.[Ford]}**  **3.${carMap[“Ford”]}**  **4.${carMap[Ford]}** | | Selected Option:  1&3  Correct Answer:  1&3 | |
| 8 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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 code line 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?** | | Selected Option:  chain.doFilter(request, response);  Correct Answer:  chain.doFilter(request, response); | |

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| 9 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the Following Statements are true?**  **Statement A : Join permanently joins two tables having 1 or more common attributes**  **Statement B: Inner Joins are also called as EQUI Joins** | | Selected Option:  Statement A is false and B is true.  Correct Answer:  Statement A is false and B is true. | |
| 10 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following Listener can get context init parameter and run some code before rest of the application can service a client?** | | Selected Option:  HttpSessionListener  Correct Answer:  ServletContextListener | |

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| 11 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In JavaScript, for reading the contents inside the first paragraph tag which statement is used?** | | Selected Option:  document.getElementsByTagName("p")[0].innerText;  Correct Answer:  document.getElementsByTagName("p")[0].innerText; | |
| 12 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for following code?**  **class Super**  **{**  **int num=20;**  **public void display()**  **{**  **System.out.println("super class method");**  **}**  **}**  **public class ThisUse extends Super**  **{**  **int num;**  **public ThisUse(int num)**  **{**  **this.num=num;**  **}**  **public void display()**  **{**  **System.out.println("display method");**  **}**  **public void Show()**  **{**  **this.display();**  **display();**  **System.out.println(this.num);**  **System.out.println(num);**  **}**  **public static void main(String[]args)**  **{**  **ThisUse o=new ThisUse(10);**  **o.Show();**  **}**  **}** | | Selected Option:  display method display method 10 10  Correct Answer:  display method  display method  10  10 | |

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| 13 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which object of JSP holds reference to javax.servlet.http.HttpSession object?** | | Selected Option:  session  Correct Answer:  session | |
| 14 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the below is invalid state of thread?** | | Selected Option:  Blocked  Correct Answer:  Stop | |

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| 15 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the syntax of Function?**  **CREATE [OR REPLACE] FUNCTION function\_name [parameters]**  **IS**  **Declaration\_section**  **RETURN return\_datatype;**  **BEGIN**  **Execution\_section**  **Return return\_variable;**  **EXCEPTION**  **exception section**  **Return return\_variable;**  **END;** | | Selected Option:  TRUE  Correct Answer:  FALSE | |
| 16 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Select the best definition for Why Collection needed in Oracle?** | | Selected Option:  Every time a software application connect up with a database, there is a performance value to be paid. Not only that, programs that continually switch off between code and SQL can become quite complex.  Correct Answer:  Every time a software application connect up with a database, there is a performance value to be paid. Not only that, programs that continually switch off between code and SQL can become quite complex. | |

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| 17 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the Tools & plug-ins commonly used in testing java application code?**  **1.ANT**  **2.JUnit**  **3.JavaScript**  **4.EMMA** | | Selected Option:  2&4  Correct Answer:  2&4 | |
| 18 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is a marker interface used for object serialization?** | | Selected Option:  Serializable  Correct Answer:  Serializable | |

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| 19 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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>** | | Selected Option:  It will display the current time as hh:mm:ss.  Correct Answer:  It will display the current time as hh:mm:ss. | |
| 20 | |  | | --- | | **Carefully read the question and answer accordingly.**  **How do you declare a tag library within a JSP page to use custom tags?** | | Selected Option:  By using taglib directive.  Correct Answer:  By using taglib directive. | |

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| 21 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Please select the correct statement with respect to including JavaScript in HTML pages.** | | Selected Option:  All of the listed options  Correct Answer:  All of the listed options | |
| 22 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the major areas PMD tool scans java code?** | | Selected Option:  All of the listed options  Correct Answer:  All of the listed options | |

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| 23 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which are the pattern types are used for building loosely coupled systems** | | Selected Option:  Creational pattern  Behavioral Pattern  Structural Pattern  Correct Answer:  Structural Pattern  Behavioral Pattern | |
| 24 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which type of Statement can execute parameterized queries?** | | Selected Option:  All kinds of Statements (i.e. which implement a sub interface of Statement)  Correct Answer:  PreparedStatement | |

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| 25 | |  | | --- | | **Carefully read the question and answer accordingly.**  **An art of identifying, organizing, controlling and verifying the modification to the software work products built by the developer.** | | Selected Option:  SCM  Correct Answer:  SCM | |
| 26 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for following code?**  **public class While {**  **public static void main(String[]args){**  **int a='A';**  **int i=a+32;**  **while(a<='Z'){**  **a++;**  **}**  **System.out.println(i);**  **System.out.println(a);**  **}**  **}** | | Selected Option:  97,91  Correct Answer:  97,91 | |

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| 27 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Select correct naming convention used during class declaration.**  **1.Class name should be nouns**  **2.Should be simple & descriptive**  **3.Class name starts with lower case.**  **4.Class name can be java valid keyword.** | | Selected Option:  1&2  Correct Answer:  1&2 | |
| 28 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider you are creating a JSP page. You want to use the classes of java.util package. Which statement will you use to import the java.util package?** | | Selected Option:  <%@ page import="java.util.\*" %>  Correct Answer:  <%@ page import="java.util.\*" %> | |

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| 29 | |  | | --- | | **Carefully read the question and answer accordingly.**  **How do we compare records?**  **(old\_company\_rec, new\_company\_rec are 2 records with name , incorp\_date, address1 as fields)** | | Selected Option:  IF old\_company\_rec.name = new\_company\_rec.name AND old\_company\_rec.incorp\_date = new\_company\_rec.incorp\_date AND old\_company\_rec.address1 = new\_company\_rec.address1 AND THEN ... the two records are identical ... END IF;  Correct Answer:  IF old\_company\_rec.name = new\_company\_rec.name AND old\_company\_rec.incorp\_date = new\_company\_rec.incorp\_date AND old\_company\_rec.address1 = new\_company\_rec.address1 AND THEN ... the two records are identical ... END IF; | |
| 30 | |  | | --- | | **Carefully read the question and answer accordingly.**  **what is the way to iterate over the elements of a Map** | | Selected Option:  foreach  Iterator  Correct Answer:  foreach  Iterator | |

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| 31 | |  | | --- | | **Carefully read the question and answer accordingly.**  **executeUpdate() & execute() are valid methods that can be used for executing DDL statements. State True or False** | | Selected Option:  FALSE  Correct Answer:  TRUE | |
| 32 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider Vijay is developing web page using HTML.Which method he can use for sending data securely on submitting the form?**  **I: POST**  **II: GET** | | Selected Option:  I  Correct Answer:  I | |

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| 33 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Using prefix c to represent the JSTL library, which of the following produces the same result as <%= var %>?** | | Selected Option:  <c:out value=${var}>  Correct Answer:  <c:out value=${var}> | |
| 34 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In Oracle10g database, control files contain information that describes the names, locations, and sizes of the database files. State true or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 35 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Servlet A receives a request that it forwards to servlet B within another web application in the same web container. Servlet A needs to share data with servlet B and that data must not be visible to other servlets in A's web application. In which object can the data that A shares with B be stored?** | | Selected Option:  ServletContext  Correct Answer:  HttpServletRequest | |
| 36 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for following code**  **public class**  **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);**  **}**  **}** | | Selected Option:  It will give ArithmeticException  Correct Answer:  It will give ArithmeticException | |

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| 37 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following statements:**  **Statement A: A tag library descriptors an XML document that contains information about a library as a whole and about each tag contained in the library.**  **Statement B: TLDs are used by a Web container to validate the tags used by JSP page development tools.**  **Which of the following is true about these statements?** | | Selected Option:  Statement A is true and statement B is true.  Correct Answer:  Statement A is true and statement B is true. | |
| 38 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Any text that should not be parsed by the xml parser needs to declare as:**  **I: PCDATA**  **II: CDATA** | | Selected Option:  I  Correct Answer:  II | |

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| 39 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which complex type signifies that only one of the child elements can appear?** | | Selected Option:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName" type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice></xs:complexType>  Correct Answer:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName" type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice></xs:complexType> | |
| 40 | |  | | --- | | **Carefully read the question and answer accordingly.**  **State whether TRUE or FALSE.**  **StringBuilder is not thread-safe unlike StringBuffer** | | Selected Option:  FALSE  Correct Answer:  TRUE | |

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| 41 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Manoj has created the Hello servlet that displays Welcome in the browser window. The code of the servlet is:**  **package myworld;**  **import java.io.IOException;**  **import java.io.PrintWriter;**  **import javax.servlet.ServletConfig;**  **import javax.servlet.ServletException;**  **import javax.servlet.http.HttpServlet;**  **import javax.servlet.http.HttpServletRequest;**  **import javax.servlet.http.HttpServletResponse;**  **public class hello extends HttpServlet**  **{**  **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>");**  **out.close();**  **}**  **}**  **Which of the following code snippets correctly defines the deployment descriptor for the preceding servlet?** | | Selected Option:  <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>  Correct Answer:  <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> | |
| 42 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following methods can not be over-ridden ?** | | Selected Option:  \_jspService()  Correct Answer:  \_jspService() | |

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| 43 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is an EXIT - WHEN statement?** | | Selected Option:  The EXIT-WHEN statement replaces a simple IF statement.  When the EXIT statement is encountered, the condition in the WHEN clause is evaluated. If the condition is true, the loop completes and control passes to the next statement after the loop  Correct Answer:  When the EXIT statement is encountered, the condition in the WHEN clause is evaluated. If the condition is true, the loop completes and control passes to the next statement after the loop  The EXIT-WHEN statement replaces a simple IF statement. | |
| 44 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following servlet code segment:**  **HttpSession session = request.getSession(true);**  **session.setAttribute(“name”, “Cognizant”);**  **session.invalidate(0);**  **if (session.isNew())**  **{ System.out.println(session.getAttribute(“name”);**  **} else { System.out.println(session.isNew());**  **}**  **What is the output of the above code segment ?** | | Selected Option:  Throws exception  Correct Answer:  Throws exception | |

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| 45 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider you are developing an application where you have to store and retrieve data in character format in file. Which API you will use to store and retrieve the data in character format?** | | Selected Option:  None of the listed options  Correct Answer:  Reader and Writer Stream APIs | |
| 46 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which procedure raises an exception 'NO DATA FOUND' when the student searches for the course which is not available else to display**  **a message that the course is available.** | | Selected Option:  CREATE OR REPLACE PROCEDURE Available\_major(p\_course courses.coursename%TYPE) IS v\_courseid NUMBER; v\_coursename VARCHAR2(20); v\_deptid NUMBER; BEGIN SELECT courseid ,departmentid, coursename INTO v\_courseid,v\_deptid,v\_coursename FROM courses WHERE coursename like 'p\_course%'; DBMS\_OUTPUT.PUT\_LINE('Course Available with department ID:'||' '||v\_deptid); EXCEPTION WHEN NO\_DATA\_FOUND THEN DBMS\_OUTPUT.PUT\_LINE('No Course Available'); END Available\_major;  Correct Answer:  CREATE OR REPLACE PROCEDURE Available\_major(p\_course courses.coursename%TYPE) IS v\_courseid NUMBER; v\_coursename VARCHAR2(20); v\_deptid NUMBER; BEGIN SELECT courseid ,departmentid, coursename INTO v\_courseid,v\_deptid,v\_coursename FROM courses WHERE coursename like p\_course||'%'; DBMS\_OUTPUT.PUT\_LINE('Course Available with department ID:'||' '||v\_deptid); EXCEPTION WHEN NO\_DATA\_FOUND THEN DBMS\_OUTPUT.PUT\_LINE('No Course Available'); END Available\_major; | |

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| 47 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Your web application views all have the same header which includes <title> tag in the <head> element of the rendered HTML. You have decided to remove the redundant HTML code from your JSPs and put into a single JSP called /WEB-INF/jsp/header.jsp. However, the title of each page is unique, so you have decided to use variable called pageTitle to parameterize this in the header JSP like this:**  **<title> ${param.pageTitle}</title>**  **Which JSP code snippet you use in your main view JSPs to insert the header and pass the pageTitle variable?** | | Selected Option:  <jsp:include page='WEB-INF/jsp/header.jsp'> <jsp:param name='pageTitle' value='Welcome Page'/> </jsp:include>  Correct Answer:  <jsp:include page='WEB-INF/jsp/header.jsp'> <jsp:param name='pageTitle' value='Welcome Page'/> </jsp:include> | |
| 48 | |  | | --- | | **Carefully read the question and answer accordingly.**  **There exists a procedure called add\_dept with two parameters. The procedure is called as shown below**  **EXECUTE add\_dept ('ADVERTISING', loc => 1200)**  **What type of parameter-passing is this ?** | | Selected Option:  positional  Correct Answer:  combined(positional and named) | |

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| 49 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Is this true or false. Map interface is derived from the Collection interface.** | | Selected Option:  TRUE  Correct Answer:  FALSE | |
| 50 | |  | | --- | | **Carefully read the question and answer accordingly.**  **For every HTTP request, static contents will be served by a web server, whereas if dynamic content is requested, web server forwards the request to application server.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 51 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which method binds an object to a given attribute name in this ServletContext interface?** | | Selected Option:  void setAttribute(String name, Object object)  Correct Answer:  void setAttribute(String name, Object object) | |
| 52 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following code:**  **1 public class FinallyCatch {**  **2 public static void main(String args[]) {**  **3 try {**  **4 throw new java.io.IOException();**  **5 }**  **6 }**  **7 }**  **Which of the following is true regarding the above code?** | | Selected Option:  Shows unhandled exception type IOException at line number 4  Correct Answer:  Demands a finally block at line number 5 | |

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| 53 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for following code?**  **public class Exception1{**  **public static void main(String args[]) {**  **int i=1, j=1;**  **try {**  **i++;**  **j--;**  **if(i/j > 1)**  **i++;**  **} catch(Exception e) {**  **System.out.println(2);**  **} catch(ArithmeticException e) {**  **System.out.println(0);**  **}**  **finally {**  **System.out.println(3);**  **}**  **}**  **}** | | Selected Option:  compilation error  Correct Answer:  compilation error | |
| 54 | |  | | --- | | **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** | | Selected Option:  1&2  Correct Answer:  1&2 | |

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| 55 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Choose the correct option.**  **Statement I: When an abstract class is sub classed, the subclass should provide the implementation for all the abstract methods in its parent class.**  **Statement II: If the subclass does not implement the abstract method in its parent class, then the subclass must also be declared abstract.** | | Selected Option:  Statement I & II are TRUE  Correct Answer:  Statement I & II are TRUE | |
| 56 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The user SCOTT who is the owner of ORDERS and SUPPLIERS tables issues the following GRANT command:**  **GRANT ALL**  **ON orders, Suppliers TO PUBLIC;**  **What correction needs to be done to the above statement?** | | Selected Option:  WITH GRANT OPTION should be added to the statement.  Correct Answer:  Separate GRANT statements are required for ORDERS and SUPPLIERS tables. | |

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| 57 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which language is used for formatting XML documents?** | | Selected Option:  XSLT  Correct Answer:  XSL-FO | |
| 58 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is not an attribute of meta tag?** | | Selected Option:  value  Correct Answer:  value | |

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| 59 | |  | | --- | | **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.** | | Selected Option:  Check whether you have implemented Customer class with Serializable interface  Correct Answer:  Check whether you have implemented Customer class with Serializable interface | |
| 60 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for following code?**  **public class Variabledec {**  **public static void main(String[]args){**  **boolean x = true;**  **int a;**  **if(x) a = x ? 2: 1;**  **else a = x ? 3: 4;**  **System.out.println(a);**  **}**  **}** | | Selected Option:  2  Correct Answer:  2 | |

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| 1 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output of the below query?**  **select instr('My SQL World','a') from dual;** | | Selected Option:  Prints 0  Correct Answer:  Prints 0 | |
| 2 | |  | | --- | | **Carefully read the question and answer accordingly.**  **A container does not initialize the servlets as soon as it starts up, it initializes a servlet when it receives a request for that servlet first time. This is called lazy loading.State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 3 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Try can be followed with either catch or finally.**  **State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 4 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following code for an HTML form.**  **<form action=”/servlet/Login”>**  **<input type=”text” name=”username” value=”enter username”/>**  **<input type=”submit” name=”sbbutton” value=”signin!..”/>**  **</form>**  **Which of the following happens upon pressing the submit button in the above form?**  **1.A request is sent with the HTTP method GET.**  **2.A request is sent with the HTTP method POST.**  **3.The parameter username is the only parameter passed to the web server in the request.**  **4.The parameters username and sbbutton are passed to the web server in the request URL.** | | Selected Option:  1&4  Correct Answer:  1&4 | |

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| 5 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which complex type signifies that only one of the child elements can appear?** | | Selected Option:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName" type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice></xs:complexType>  Correct Answer:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName" type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice></xs:complexType> | |
| 6 | |  | | --- | | **Carefully read the question and answer accordingly.**  **A scriptlet contains Java code that is executed every time a JSP is invoked.State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 7 | |  | | --- | | **Carefully read the question and answer accordingly.**  **BufferedWriter constructor CAN ACCEPT Filewriter Object as a parameter.**  **State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 8 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the usage of JSTL forEach tag in the following code snippet:**  **<font color='green'>**  **<ul>**  **<c:foreach flag=errmsg items="${errorMsgs}">**  **<li>$errmsg</li>**  **</c:forEach>**  **</ul>**  **</font>**  **The code snippet contains some errors. Predict the correct code.** | | Selected Option:  <font color='green'> <ul> <c:forEach flag="errmsg" items="${errorMsgs}"> <li>${errmsg}</li> </c:forEach> </ul> </font>  Correct Answer:  <font color='green'> <ul> <c:forEach flag="errmsg" items="${errorMsgs}"> <li>${errmsg}</li> </c:forEach> </ul> </font> | |

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| 9 | |  | | --- | | **Carefully read the question and answer accordingly.**  **If display method in super class has a protected specifier then what should be the specifier for the overriding display method in sub class?** | | Selected Option:  protected or public  Correct Answer:  protected or public | |
| 10 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider you are creating a JSP page. You want to use the classes of java.util package. Which statement will you use to import the java.util package?** | | Selected Option:  <%@ page import="java.util.\*" %>  Correct Answer:  <%@ page import="java.util.\*" %> | |

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| 11 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for following code**  **public class**  **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);**  **}**  **}** | | Selected Option:  It will give ArithmeticException  Correct Answer:  It will give ArithmeticException | |
| 12 | |  | | --- | | **Carefully read the question and answer accordingly.**  **DIV tag creates linebreaks similar to paragraph tags.**  **State True or False.** | | Selected Option:  FALSE  Correct Answer:  TRUE | |

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| 13 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following statements:**  **Statement A: GenericServlet is an abstract class**  **Statement B: GenericServlet internally implements Servlet interface**  **Which of the following is true about these statements?** | | Selected Option:  Statement A is true and statement B is true.  Correct Answer:  Statement A is true and statement B is true. | |
| 14 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In Oracle10g database, control files contain information that describes the names, locations, and sizes of the database files. State true or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 15 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following Listener is used to track number of active sessions or users?** | | Selected Option:  HttpSessionListener  Correct Answer:  HttpSessionListener | |
| 16 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which parser is a W3C standard?** | | Selected Option:  DOM  Correct Answer:  DOM | |

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| 17 | |  | | --- | | **Carefully read the question and answer accordingly.**  **At Point X in below code, which code is necessary to make the code compile?**  **public class Test**  **{**  **class TestException extends Exception {}**  **public void runTest() throws TestException {}**  **public void test() /\* Point X \*/**  **{**  **runTest();**  **}**  **}** | | Selected Option:  throws Exception  Correct Answer:  throws Exception | |
| 18 | |  | | --- | | **Carefully read the question and answer accordingly.**  **TagSupport and BodyTagSupport classes are present in which package?** | | Selected Option:  javax.servlet.jsp.tagext  Correct Answer:  javax.servlet.jsp.tagext | |

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| 19 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Examine the code snippet**  **declare**  **TYPE XYZ is VARRAY(10) of NUMBER;**  **v2 XYZ; --line 1**  **x Number:=0;**  **Begin**  **v2:=XYZ(1,2,3,4,5,6,7); --line 2**  **v2.delete(1); --line 3**  **while x < v2.last –line 4**  **loop**  **x:=x+1;**  **dbms\_output.put\_line(x);**  **end loop;**  **end;**  **/**  **What will be the output of the above code ?** | | Selected Option:  Compilation fails due to error on line 3  Correct Answer:  Compilation fails due to error on line 4 | |
| 20 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The container supplies a ServletConfig reference to the jspInit() method. Say true or false** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 21 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following statement is TRUE**  **(i) Strong REF CURSOR types are less error prone**  **(ii) Weak REF CURSOR types are not flexible** | | Selected Option:  (i) & (ii)  Correct Answer:  (i) | |
| 22 | |  | | --- | | **Carefully read the question and answer accordingly.**  **State whether TRUE or FALSE.**  **The below code will compile & provide desired output:**  **package p1;**  **abstract class LivingThings{**  **public abstract void resperate();**  **interface Living**  **{**  **public abstract void walk();**  **}**  **}**  **class Human implements LivingThings.Living{**  **@Override**  **public void walk() {**  **System.out.println("Human Can Walk");**  **}**  **}**  **class Test {**  **public static void main(String[] args) {**  **new Human().walk();**  **}**  **}** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 23 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the benefits of Logging?**  **1.Debug applications issues easily**  **2.Detect complier errors easily**  **3.Trouble Shoot performance problems** | | Selected Option:  1&3  Correct Answer:  1&3 | |
| 24 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for following code?**  **public class WrapperClass1 {**  **public static void main(String[]args){**  **Integer i=new Integer(10);**  **Integer j=new Integer(10);**  **System.out.println(i==j);**  **}**  **}** | | Selected Option:  False  Correct Answer:  False | |

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| 25 | |  | | --- | | **Carefully read the question and answer accordingly.**  **jspInit() method can be overridden by the author. Say True or False** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 26 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is an empty tag in HTML?** | | Selected Option:  <br>  Correct Answer:  <br> | |

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| 27 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Select correct naming convention used during class declaration.**  **1.Class name should be nouns**  **2.Should be simple & descriptive**  **3.Class name starts with lower case.**  **4.Class name can be java valid keyword.** | | Selected Option:  1&2  Correct Answer:  1&2 | |
| 28 | |  | | --- | | **Carefully read the question and answer accordingly.**  **An art of identifying, organizing, controlling and verifying the modification to the software work products built by the developer.** | | Selected Option:  SCM  Correct Answer:  SCM | |

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| 29 | |  | | --- | | **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.** | | Selected Option:  Check whether you have implemented Customer class with Serializable interface  Correct Answer:  Check whether you have implemented Customer class with Serializable interface | |
| 30 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Choose the correct option.**  **Statement I: StringBuffer is efficient than “+” concatenation**  **Statement II: Using API’s in StringBuffer the content and length of String can be changed which intern creates new object.** | | Selected Option:  Statement I & II are TRUE  Correct Answer:  Statement I is TRUE & II is FALSE | |

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| 31 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Observe the below code snippet.**  **public interface iPersistence{**  **public Object save(Object o);**  **public Object findBy(Object key);**  **}**  **public class PersistenceImp implements iPersistence{**  **public Object save(Object o){**  **....**  **}**  **public Object findBy(Object key){**  **....**  **}**  **}**  **As per the requirement, the iPersistence interface might be added with few more methods in future. This leads to the change of code in PersistenceImp class as well to provide implementation for new abstract methods introduced. Which pattern should be used in this scenario so that any change in the interface will not result in a change in PersistenceImp class.** | | Selected Option:  Proxy Pattern  Correct Answer:  Bridge pattern | |
| 32 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of these is executed first before execution of any other thing takes place in a program?** | | Selected Option:  static block code  Correct Answer:  static block code | |

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| 33 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Java provides \_\_\_\_ ways to create Threads.** | | Selected Option:  Two  Correct Answer:  Two | |
| 34 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which two statements are true regarding the USING clause in table joins?**  **1. It can be used to join a maximum of three tables.**  **2. It can be used to restrict the number of columns used in a NATURAL join.**  **3. It can be used to access data from tables through equijoins as well as nonequijoins.**  **4. It can be used to join tables that have columns with the same name and compatible data types.** | | Selected Option:  2&4  Correct Answer:  2&4 | |

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| 35 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the major areas PMD tool scans java code?** | | Selected Option:  All of the listed options  Correct Answer:  All of the listed options | |
| 36 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following are used for executing client side script?**  **1.JavaScript**  **2.JSP**  **3.Servlets**  **4.VBScript** | | Selected Option:  1&4  Correct Answer:  1&4 | |

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| 37 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Evaluate the following SQL statements that are issued in the given order:**  **CREATE TABLE emp**  **(emp\_no NUMBER(2) CONSTRAINT emp\_emp\_no\_pk PRIMARY KEY,**  **enameVARCHAR2(15),**  **salary NUMBER(8,2),**  **mgr\_no NUMBER(2) CONSTRAINT emp\_mgr\_fk REFERENCES emp);**  **ALTER TABLE emp**  **DISABLE CONSTRAINT emp\_emp\_no\_pk CASCADE;**  **ALTER TABLE emp**  **ENABLE CONSTRAINT emp\_emp\_no\_pk;**  **What would be the status of the foreign key EMP\_MGR\_FK?** | | Selected Option:  It would remain disabled and has to be enabled manually using the ALTER TABLE command.  Correct Answer:  It would remain disabled and has to be enabled manually using the ALTER TABLE command. | |
| 38 | |  | | --- | | **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** | | Selected Option:  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;  Correct Answer:  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; | |

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| 39 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the syntax of PRAGMA EXCEPTION\_INIT?** | | Selected Option:  DECLARE exception\_name EXCEPTION PRAGMA EXCEPTION\_INIT (exception\_name , err\_code); Begin Execution section Exception WHEN exception\_name THEN Handle the exception END;  Correct Answer:  DECLARE exception\_name EXCEPTION PRAGMA EXCEPTION\_INIT (exception\_name , err\_code); Begin Execution section Exception WHEN exception\_name THEN Handle the exception END; | |
| 40 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which type of Statement can execute parameterized queries?** | | Selected Option:  PreparedStatement  Correct Answer:  PreparedStatement | |

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| 41 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In JavaScript, for accessing first paragraph tag in the document which of the statement is used?** | | Selected Option:  document.getElementsByTagName("p")[0]  Correct Answer:  document.getElementsByTagName("p")[0] | |
| 42 | |  | | --- | | **Carefully read the question and answer accordingly.**  **what are the data dictionary views?** | | Selected Option:  USER\_SOURCES  USER\_OBJECTS  ALL\_SOURCE  Correct Answer:  ALL\_SOURCE  USER\_SOURCE  USER\_OBJECTS | |

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| 43 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What does DTD stands for?** | | Selected Option:  Document Type Definition  Correct Answer:  Document Type Definition | |
| 44 | |  | | --- | | **Carefully read the question and answer accordingly.**  **How do you declare a tag library within a JSP page to use custom tags?** | | Selected Option:  By using taglib directive.  Correct Answer:  By using taglib directive. | |

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| 45 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which tag is used to include multiple HTML pages in single page?** | | Selected Option:  frameset  Correct Answer:  frameset | |
| 46 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following variable represents the uncaught throwable object that resulted from a call to the error page in JSP?** | | Selected Option:  Exception  Correct Answer:  Exception | |

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| 47 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Mention some of the important functions of Servlet Filter.**  **1.Security Checks**  **2.allowing all the users**  **3.Modifying the request or response** | | Selected Option:  1&3  Correct Answer:  1&3 | |
| 48 | |  | | --- | | **Carefully read the question and answer accordingly.**  **\_\_\_\_\_\_\_\_\_\_\_\_\_ Operator is used to create an object.** | | Selected Option:  new  Correct Answer:  new | |

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| 49 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the use of ServletConfig interface?** | | Selected Option:  A servlet configuration object used by a servlet container to pass information to a servlet during initialization  Correct Answer:  A servlet configuration object used by a servlet container to pass information to a servlet during initialization | |
| 50 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which statement creates DocumentBuilder instance?** | | Selected Option:  None of the listed options  Correct Answer:  DocumentBuilder b=factory.new DocumentBuilder(); | |

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| 51 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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**  **II: GET** | | Selected Option:  I  Correct Answer:  I | |
| 52 | |  | | --- | | **Carefully read the question and answer accordingly.**  **You are developing a web application using Servlets. You have to use filters so that the web container intercepts the incoming requests before it is forwarded to the servlet. Which of the following method is called for every request intercepted by the filter?** | | Selected Option:  doFilter  Correct Answer:  doFilter | |

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| 53 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which type of driver converts JDBC calls into the network protocol used by the database management system directly?** | | Selected Option:  Type 3 driver  Correct Answer:  Type 4 driver | |
| 54 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which procedure raises an exception 'NO DATA FOUND' when the student searches for the course which is not available else to display**  **a message that the course is available.** | | Selected Option:  CREATE OR REPLACE PROCEDURE Available\_major(p\_course courses.coursename%TYPE) IS v\_courseid NUMBER; v\_coursename VARCHAR2(20); v\_deptid NUMBER; BEGIN SELECT courseid ,departmentid, coursename INTO v\_courseid,v\_deptid,v\_coursename FROM courses WHERE coursename like p\_course||'%'; DBMS\_OUTPUT.PUT\_LINE('Course Available with department ID:'||' '||v\_deptid); EXCEPTION WHEN NO\_DATA\_FOUND THEN DBMS\_OUTPUT.PUT\_LINE('No Course Available'); END Available\_major;  Correct Answer:  CREATE OR REPLACE PROCEDURE Available\_major(p\_course courses.coursename%TYPE) IS v\_courseid NUMBER; v\_coursename VARCHAR2(20); v\_deptid NUMBER; BEGIN SELECT courseid ,departmentid, coursename INTO v\_courseid,v\_deptid,v\_coursename FROM courses WHERE coursename like p\_course||'%'; DBMS\_OUTPUT.PUT\_LINE('Course Available with department ID:'||' '||v\_deptid); EXCEPTION WHEN NO\_DATA\_FOUND THEN DBMS\_OUTPUT.PUT\_LINE('No Course Available'); END Available\_major; | |

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| 55 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Expression Language treats null values as “zero” In arithmetic operations.State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 56 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The below html meta tag will reload page automatically every 60 \_\_\_\_\_\_ .**  **<meta http-equiv="refresh" content="60">** | | Selected Option:  seconds  Correct Answer:  seconds | |

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| 57 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is / are true about web applications?** | | Selected Option:  To access the application, the device like mobile phones, tablets, computers need to open the port for connectivity to web server  Web applications allows the users to invoke from any device like mobile phones, tablets that has browsers  web application provides cross platform compatibility  Correct Answer:  web application provides cross platform compatibility  Little or no diskspace is required on the client  Web applications allows the users to invoke from any device like mobile phones, tablets that has browsers | |
| 58 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Smith is developing an application using Java Server Pages. The name of the component that he has**  **created is "Emp". he has included the following statement in her application:**  **<jsp:setProperty name="Emp" property=\* />**  **What would be the result of the above code?** | | Selected Option:  It will iterate over the current ServletRequest parameters setting each matched property to the value of the matching parameter  Correct Answer:  It will iterate over the current ServletRequest parameters setting each matched property to the value of the matching parameter | |

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| 59 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The ArrayList<String> is immutable.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |
| 60 | |  | | --- | | **Carefully read the question and answer accordingly.**  **When comparable interface is used which method should be overridden?** | | Selected Option:  compareTo  Correct Answer:  compareTo | |
| 1 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following deployment descriptor(web.xml)file:**  **<session-config>**  **<session-timeout>**  **30**  **</session-timeout>**  **</session-config>**  **Then, in the Servlet program code setMaxInactiveInterval(600)(seconds) for the session object is invoked. After how long would session expire? Select one answer from the following.** | | Selected Option:  10 minutes  Correct Answer:  10 minutes | |
| 2 | |  | | --- | | **Carefully read the question and answer accordingly.**  **When a JSP is executed, out of the following, what is most likely to be sent to the client?** | | Selected Option:  The compiled Servlet file  Correct Answer:  HTML | |

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| 3 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Select correct options with respect to Expression Language (EL) used in JSP**  **1.The purpose of EL is to make a JSP script free**  **2.EL is a simple and powerful replacement of Standard Actions**  **3.EL is enabled in a JSP by default**  **4.EL stands for Extended Language** | | Selected Option:  1&2&3  Correct Answer:  1&2&3 | |
| 4 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following listed option gives the valid type of object to store a date and time combination using JDBC API?** | | Selected Option:  java.util.Date  Correct Answer:  java.sql.Timestamp | |

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| 5 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is not the Java keyword?** | | Selected Option:  throwed  Correct Answer:  throwed | |
| 6 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following tag is used to specify the initialization parameters in the web.xml file?** | | Selected Option:  <init-param>  Correct Answer:  <init-param> | |

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| 7 | |  | | --- | | **Carefully read the question and answer accordingly.**  **State whether TRUE or FALSE.**  **If any method overrides one of it’s super class methods, we can invoke the overridden method through the this keyword.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |
| 8 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which tag creates containers to other HTML tags/elements?**  **I: DIV**  **II: SPAN** | | Selected Option:  I  Correct Answer:  I | |

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| 9 | |  | | --- | | **Carefully read the question and answer accordingly.**  **what is the result when we attempt to change the value of an IN parameter ?** | | Selected Option:  no error  Correct Answer:  compile-time error | |
| 10 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In Oracle10g database, control files contain information that describes the names, locations, and sizes of the database files. State true or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 11 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following provides an efficient means of storing key/value pairs in sorted order, and allows rapid retrieval?** | | Selected Option:  TreeMap  Correct Answer:  TreeMap | |
| 12 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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**  **II: GET** | | Selected Option:  I  Correct Answer:  I | |

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| 13 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What does DTD stands for?** | | Selected Option:  Document Type Definition  Correct Answer:  Document Type Definition | |
| 14 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the benefits of Logging?**  **1.Debug applications issues easily**  **2.Detect complier errors easily**  **3.Trouble Shoot performance problems** | | Selected Option:  1&3  Correct Answer:  1&3 | |

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| 15 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In JavaScript, for accessing first paragraph tag in the document which of the statement is used?** | | Selected Option:  document.getElementsByTagName("p")[0]  Correct Answer:  document.getElementsByTagName("p")[0] | |
| 16 | |  | | --- | | **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.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |

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| 17 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Given a servlet that stores an Account bean in the session scope with the following code snippet:**  **public void doPost(HttpServletRequest req, HttpServletResponse resp) {**  **HttpSession session = req.getSession();**  **com.cts.Account acc= new com.cts.Account();**  **emp.setAccountNumber(req.getParameter(“acc\_num”));**  **session.setAttribute(“account”, acc);**  **RequestDispatcher page = req.getRequestDispatcher(“index.jsp”);**  **page.forward(req, resp);**  **}**  **Which of these complete JSPs will print the account number?** | | Selected Option:  <jsp:useBean id="account" type="com.cts.Account” scope="session"/> <jsp:getProperty name="account" property="accountNumber" />  Correct Answer:  <jsp:useBean id="account" type="com.cts.Account” scope="session"/> <jsp:getProperty name="account" property="accountNumber" /> | |
| 18 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which is used to transform XML document?** | | Selected Option:  XSLT  Correct Answer:  XSLT | |

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| 19 | |  | | --- | | **Carefully read the question and answer accordingly.**  **How do you declare a tag library within a JSP page to use custom tags?** | | Selected Option:  By using taglib directive.  Correct Answer:  By using taglib directive. | |
| 20 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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?** | | Selected Option:  Use Cursors  Correct Answer:  Use Cursors | |

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| 21 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What exception is raised when the user enters the ID 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; /** | | Selected Option:  ex\_invalid\_id exception will be raised  Correct Answer:  ex\_invalid\_id exception will be raised | |
| 22 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Comparisons involving nulls always yield NULL** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 23 | |  | | --- | | **Carefully read the question and answer accordingly.**  **If your JDBC Connection is in auto-commit mode, which it is by default, then every SQL statement is committed to the database upon its completion. State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 24 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is / are true about the layered architecture style?** | | Selected Option:  Layered architecture separates the functionalities to individual layers, thereby improving maintainability & reusability  Layered architecture can be used to increase or decrease the level of abstraction between layers  Testing the communication across multiple layers is complex  Correct Answer:  Layered architecture separates the functionalities to individual layers, thereby improving maintainability & reusability  Layered architecture can be used to increase or decrease the level of abstraction between layers | |

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| 25 | |  | | --- | | **Carefully read the question and answer accordingly.**  **public class TestDemo implements Runnable**  **{**  **public void run()**  **{**  **System.out.print("Runner");**  **}**  **public static void main(String[] args)**  **{**  **Thread t = new Thread(new TestDemo());**  **t.run();**  **t.run();**  **t.start();**  **}**  **}**  **What will be the result?** | | Selected Option:  The code executes and prints "RunnerRunnerRunner".  Correct Answer:  The code executes and prints "RunnerRunnerRunner". | |
| 26 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following attributes of page directive are invalid?** | | Selected Option:  isScriptingEnabled  Correct Answer:  isScriptingEnabled | |

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| 27 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is a marker interface used for object serialization?** | | Selected Option:  Serializable  Correct Answer:  Serializable | |
| 28 | |  | | --- | | **Carefully read the question and answer accordingly.**  **A container does not initialize the servlets as soon as it starts up, it initializes a servlet when it receives a request for that servlet first time. This is called lazy loading.State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 29 | |  | | --- | | **Carefully read the question and answer accordingly.**  **You are developing a web application using Servlets. You have to use filters so that the web container intercepts the incoming requests before it is forwarded to the servlet. Which of the following method is called for every request intercepted by the filter?** | | Selected Option:  doFilter  Correct Answer:  doFilter | |
| 30 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output of following code?**  **public class Exception1{**  **public static void main(String args[]) {**  **int i=1, j=1;**  **try {**  **i++;**  **j--;**  **if(i/j > 1)**  **i++;**  **} catch(ArithmeticException e) {**  **System.out.println(0);**  **} catch(ArrayIndexOutOfBoundsException e) {**  **System.out.println(1);**  **} catch(Exception e) {**  **System.out.println(2);**  **}**  **finally {**  **System.out.println(3);**  **}**  **System.out.println(4);**  **}**  **}**  **1.0**  **2.1**  **3.3**  **4.4.** | | Selected Option:  1&3&4  Correct Answer:  1&3&4 | |

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| 31 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Choose a valid package name in Java?**  **1.com.sun.eng**  **2.123pack**  **3.pack123**  **4.outerpack\_innerpack** | | Selected Option:  1&3&4  Correct Answer:  1&3&4 | |
| 32 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Interfaces are mainly used to expose behavior or functionality not the implementation code.**  **State true or false** | | Selected Option:  FALSE  Correct Answer:  TRUE | |

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| 33 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In which case should you use a FULL OUTER JOIN?** | | Selected Option:  You want all unmatched data from both tables.  Correct Answer:  You want all unmatched data from both tables. | |
| 34 | |  | | --- | | **Carefully read the question and answer accordingly.**  **State whether TRUE or FALSE.**  **The below code will compile & provide desired output:**  **package p1;**  **interface A {**  **public abstract void methodOne();**  **}**  **interface B extends A {**  **public abstract void methodTwo();**  **}**  **class C implements B{**  **@Override**  **public void methodTwo() {**  **System.out.println("Method Two Body");**  **}**  **}**  **class Test {**  **public static void main(String[] args) {**  **new C().methodTwo();**  **}**  **}** | | Selected Option:  FALSE  Correct Answer:  FALSE | |

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| 35 | |  | | --- | | **Carefully read the question and answer accordingly.**  **LinkedList represents a collection that does not allow duplicate elements.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |
| 36 | |  | | --- | | **Carefully read the question and answer accordingly.**  **An art of identifying, organizing, controlling and verifying the modification to the software work products built by the developer.** | | Selected Option:  SCM  Correct Answer:  SCM | |

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| 37 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output of the below query?**  **select instr('My SQL World','a') from dual;** | | Selected Option:  Prints 0  Correct Answer:  Prints 0 | |
| 38 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Select the right coding best practices followed while using java Collections.**  **1.Use for loop instead of iterator**  **2.Use Collections with generic with same type of data.**  **3.Copy collections into other collections by calling addAll() methods instead using iterator to copy each collection element.** | | Selected Option:  2&3  Correct Answer:  2&3 | |

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| 39 | |  | | --- | | **Carefully read the question and answer accordingly.**  **JSP syntax errors are caught during which lifecycle event of JSP?** | | Selected Option:  Compilation  Correct Answer:  Translation | |
| 40 | |  | | --- | | **Carefully read the question and answer accordingly.**  **You are developing dynamic web application using JSP. Which attribute of page directive specifies the list of classes imported in the JSP file?** | | Selected Option:  import  Correct Answer:  import | |

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| 41 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the usage of JSTL forEach tag in the following code snippet:**  **<font color='green'>**  **<ul>**  **<c:foreach flag=errmsg items="${errorMsgs}">**  **<li>$errmsg</li>**  **</c:forEach>**  **</ul>**  **</font>**  **The code snippet contains some errors. Predict the correct code.** | | Selected Option:  <font color='green'> <ul> <c:forEach flag="errmsg" items="${errorMsgs}"> <li>$errmsg</li> </c:forEach> </ul> </font>  Correct Answer:  <font color='green'> <ul> <c:forEach flag="errmsg" items="${errorMsgs}"> <li>${errmsg}</li> </c:forEach> </ul> </font> | |
| 42 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Evaluate the following SQL statements that are issued in the given order:**  **CREATE TABLE emp**  **(emp\_no NUMBER(2) CONSTRAINT emp\_emp\_no\_pk PRIMARY KEY,**  **enameVARCHAR2(15),**  **salary NUMBER(8,2),**  **mgr\_no NUMBER(2) CONSTRAINT emp\_mgr\_fk REFERENCES emp);**  **ALTER TABLE emp**  **DISABLE CONSTRAINT emp\_emp\_no\_pk CASCADE;**  **ALTER TABLE emp**  **ENABLE CONSTRAINT emp\_emp\_no\_pk;**  **What would be the status of the foreign key EMP\_MGR\_FK?** | | Selected Option:  It would remain disabled and has to be enabled manually using the ALTER TABLE command.  Correct Answer:  It would remain disabled and has to be enabled manually using the ALTER TABLE command. | |

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| 43 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The finally block always executes when the try block exits.**  **State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 44 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which complex type signifies that only one of the child elements can appear?** | | Selected Option:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName" type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice></xs:complexType>  Correct Answer:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName" type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice></xs:complexType> | |

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| 45 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following variable represents the uncaught throwable object that resulted from a call to the error page in JSP?** | | Selected Option:  Request  Correct Answer:  Exception | |
| 46 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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?** | | Selected Option:  contextInitialized()  Correct Answer:  contextInitialized() | |

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| 47 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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 tables to fetch results. Users of ABC company 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?** | | Selected Option:  Create Stored Procedure  Correct Answer:  Create index | |
| 48 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which type of parser is suitable,when applications is required to read data without modifying the content** | | Selected Option:  SAX  Correct Answer:  SAX | |

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| 49 | |  | | --- | | **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** | | Selected Option:  1&2  Correct Answer:  1&2 | |
| 50 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for following code?**  **public class Variables**  **{**  **public static void main(String[]args)**  **{**  **public int i=10;**  **System.out.println(i++);**  **}**  **}** | | Selected Option:  Compilation error  Correct Answer:  Compilation error | |

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| 51 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The \_\_\_\_\_\_ statement is used inside the switch to terminate a Statement sequence** | | Selected Option:  break  Correct Answer:  break | |
| 52 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which are the pattern types are used for building loosely coupled systems** | | Selected Option:  Structural Pattern  Behavioral Pattern  Creational pattern  Correct Answer:  Structural Pattern  Behavioral Pattern | |

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| 53 | |  | | --- | | **Carefully read the question and answer accordingly.**  **State whether TRUE or FALSE.**  **The APIS of StringBuffer are synchronized unlike that of StringBuilder** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 54 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Predict which collection has ability to have elements selected Individually in database.** | | Selected Option:  None of the above  Nested Table  Varray  Correct Answer:  Varray  Nested Table | |

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| 55 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following statements:**  **Statement A: GenericServlet is an abstract class**  **Statement B: GenericServlet internally implements Servlet interface**  **Which of the following is true about these statements?** | | Selected Option:  Statement A is true and statement B is true.  Correct Answer:  Statement A is true and statement B is true. | |
| 56 | |  | | --- | | **Carefully read the question and answer accordingly.**  **A filter configuration object used by a servlet container to pass information to a filter during initialization.**  **State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 57 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following statements:**  **Statement A: When tags are implemented with tag handlers written in Java, each tag in the library must be declared in the TLD with a tag element.**  **Statement B: The tag element contains the tag name, the class of its tag handler, information on the tag's attributes, and information on the variables created by the tag.**  **Which of the following is true about these statements?** | | Selected Option:  Statement A is true and statement B is true.  Correct Answer:  Statement A is true and statement B is true. | |
| 58 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following are used for executing client side script?**  **1.JavaScript**  **2.JSP**  **3.Servlets**  **4.VBScript** | | Selected Option:  1&4  Correct Answer:  1&4 | |

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| 59 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is an empty tag in HTML?** | | Selected Option:  <br>  Correct Answer:  <br> | |
| 60 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is not an attribute of meta tag?** | | Selected Option:  value  Correct Answer:  value | |
| 1 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The template pattern avoids code duplication by defining common algorithm in base class and let the subclasses to implement the variations in the algorithm** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 2 | |  | | --- | | **Carefully read the question and answer accordingly.**  **How do you declare a tag library within a JSP page to use custom tags?** | | Selected Option:  By using taglib directive.  Correct Answer:  By using taglib directive. | |

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| 3 | |  | | --- | | **Carefully read the question and answer accordingly.**  **You have a map named “carMap” with a key named “Ford”. Select correct EL syntaxes to print the value of this key.**  **1.${carMap.Ford}**  **2.${carMap.[Ford]}**  **3.${carMap[“Ford”]}**  **4.${carMap[Ford]}** | | Selected Option:  1&3  Correct Answer:  1&3 | |
| 4 | |  | | --- | | **Carefully read the question and answer accordingly.**  **You are using the system account to create a synonym as follows:**  **Create synonym User for UserDetails**  **Which statements are true with respect to the above synonym?** | | Selected Option:  A synonym with the name User is created and only system can use it  Correct Answer:  A synonym with the name User is created and only system can use it | |

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| 5 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Select the right coding best practices followed while using java Collections.**  **1.Use for loop instead of iterator**  **2.Use Collections with generic with same type of data.**  **3.Copy collections into other collections by calling addAll() methods instead using iterator to copy each collection element.** | | Selected Option:  3  Correct Answer:  2&3 | |
| 6 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is an empty tag in HTML?** | | Selected Option:  <br>  Correct Answer:  <br> | |

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| 7 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which method executes a simple query and returns a single Result Set object?** | | Selected Option:  executeQuery()  Correct Answer:  executeQuery() | |
| 8 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider Vijay is developing web page using HTML.Which method he can use for sending data securely on submitting the form?**  **I: POST**  **II: GET** | | Selected Option:  I  Correct Answer:  I | |

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| 9 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following exception is not mandatory to be handled in code?** | | Selected Option:  IOException  Correct Answer:  NullPointerException | |
| 10 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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?** | | Selected Option:  contextInitialized()  Correct Answer:  contextInitialized() | |

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| 11 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which tag is used to include multiple HTML pages in single page?** | | Selected Option:  None of the listed options  Correct Answer:  frameset | |
| 12 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the output of the current code segment ?**  **<c:forTokens items=“a,b,c,d,e” delims=“,” begin=“0” end=“4” step=“2” var=“alphabet”>**  **<c:out value=“${alphabet}”/>**  **</c:forTokens>** | | Selected Option:  a,c,e  Correct Answer:  a,c,e | |

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| 13 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In JavaScript, for accessing first paragraph tag in the document which of the statement is used?** | | Selected Option:  document.getElementsByTagName("p")[0]  Correct Answer:  document.getElementsByTagName("p")[0] | |
| 14 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which error will be raised for the below code?**  **DECLARE**  **TYPE tb\_numbers\_nt IS TABLE OF NUMBER;**  **l\_numbers tb\_numbers\_nt;**  **BEGIN**  **l\_numbers.EXTEND;**  **l\_numbers(1) := 1;**  **END;** | | Selected Option:  "Reference to uninitialized collection"  Correct Answer:  "Reference to uninitialized collection" | |

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| 15 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output of the below query?**  **SELECT \* FROM suppliers**  **WHERE supplier\_name LIKE '!%' escape '!';** | | Selected Option:  Query will generate an error  Correct Answer:  All supplier record whose name starts with % will be displayed | |
| 16 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for following code?**  **public class Wrapper11**  **{**  **public static void main(String[]args)**  **{**  **Long l=100;**  **System.out.println(l);**  **}**  **}** | | Selected Option:  Compilation error  Correct Answer:  Compilation error | |

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| 17 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Sally has written the following code to access the Employee bean that has already been created with the property called EmpNumber:**  **<html>**  **<body>**  **<jsp:useBean id="employee" scope="session" class="Employee" />**  **<b> The current count for the Employee bean is:</b> <%employee.getEmpNumber()%>**  **</body>**  **</html>**  **The bean has the following code in the getEmpNumber method:**  **public int getEmpNumber()**  **{**  **EmpNumber++;**  **return this.EmpNumber;**  **}**  **Which of the following statements is true about the output of the above code when the page is loaded and reloaded?** | | Selected Option:  The value will be incremented everytime the page is loaded.  Correct Answer:  The value will be incremented everytime the page is loaded. | |
| 18 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Mahesh has observed that some users are able to directly access the content files stored in the Web application from the Web browser. Which of the following options should Mahesh use to prevent the users from directly accessing the content files?** | | Selected Option:  By storing the content files under the WEB-INF directory  Correct Answer:  By storing the content files under the WEB-INF directory | |

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| 19 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following method is used to initialize the instance variable of a class.** | | Selected Option:  Constructor  Correct Answer:  Constructor | |
| 20 | |  | | --- | | **Carefully read the question and answer accordingly.**  **DIV tag creates linebreaks similar to paragraph tags.**  **State True or False.** | | Selected Option:  FALSE  Correct Answer:  TRUE | |

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| 21 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is build tool?** | | Selected Option:  ANT  Correct Answer:  ANT | |
| 22 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Mention some of the important functions of Servlet Filter.**  **1.Security Checks**  **2.allowing all the users**  **3.Modifying the request or response** | | Selected Option:  1&2  Correct Answer:  1&3 | |

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| 23 | |  | | --- | | **Carefully read the question and answer accordingly.**  **An art of identifying, organizing, controlling and verifying the modification to the software work products built by the developer.** | | Selected Option:  SCM  Correct Answer:  SCM | |
| 24 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which complex type signifies that only one of the child elements can appear?** | | Selected Option:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName" type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice></xs:complexType>  Correct Answer:  <xs:complexType name="CountrInfo"><xs:choice> <xs:element name="countryName" type="xs:string"/> <xs:element name="states" type="xs:integer"/></xs:choice></xs:complexType> | |

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| 25 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Gen wants to create a new JSP page. Which element of JSP provide global information about an entire JSP page?** | | Selected Option:  Directive  Correct Answer:  Directive | |
| 26 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following code for an HTML form.**  **<form action=”/servlet/Login”>**  **<input type=”text” name=”username” value=”enter username”/>**  **<input type=”submit” name=”sbbutton” value=”signin!..”/>**  **</form>**  **Which of the following happens upon pressing the submit button in the above form?**  **1.A request is sent with the HTTP method GET.**  **2.A request is sent with the HTTP method POST.**  **3.The parameter username is the only parameter passed to the web server in the request.**  **4.The parameters username and sbbutton are passed to the web server in the request URL.** | | Selected Option:  1&4  Correct Answer:  1&4 | |

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| 27 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Identify the entry in web.xml that will instruct the container to compile the JSP when the container starts rather than waiting for the first time.** | | Selected Option:  <load-on-Init>  Correct Answer:  <load-on-startup> | |
| 28 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider a development scenario where you want to write the object data into persistence storage devices (like file, disk etc.).Using which of the below concept you can achieve the given requirement?** | | Selected Option:  Serialization  Correct Answer:  Serialization | |

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| 29 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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?** | | Selected Option:  Implement using triggers  Correct Answer:  Implement using triggers | |
| 30 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output of following code?**  **try**  **{**  **System.out.println("Executing try");**  **}**  **System.out.println("After try");**  **catch (Exception ex)**  **{**  **System.out.println("Executing catch");**  **}** | | Selected Option:  Compile Time Exception  Correct Answer:  Compile Time Exception | |

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| 31 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Is this true or false. Map interface is derived from the Collection interface.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |
| 32 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following parameter in Query Flashback clearly defines the maximum time period that the database can be flashbacked?** | | Selected Option:  UNDO\_RETENTION  Correct Answer:  UNDO\_RETENTION | |

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| 33 | |  | | --- | | **Carefully read the question and answer accordingly.**  **You need to store elements in a collection that guarantees that no duplicates are stored and all elements can be accessed in natural order. Which interface provides that capability?** | | Selected Option:  java.util.Set  Correct Answer:  java.util.Set | |
| 34 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which object of JSP holds reference to javax.servlet.http.HttpSession object?** | | Selected Option:  session  Correct Answer:  session | |

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| 35 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following keywords ensures that a method cannot be overridden?** | | Selected Option:  final  Correct Answer:  final | |
| 36 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the outputof below code:**  **package p1;**  **class Parent {**  **public static void doWork() {**  **System.out.println("Parent");**  **}**  **}**  **class Child extends Parent {**  **public static void doWork() {**  **System.out.println("Child");**  **}**  **}**  **class Test {**  **public static void main(String[] args) {**  **Child.doWork();**  **}**  **}** | | Selected Option:  Child  Correct Answer:  Child | |

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| 37 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following is a marker interface used for object serialization?** | | Selected Option:  Serializable  Correct Answer:  Serializable | |
| 38 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the true aspects about the %NOTFOUND attribute?** | | Selected Option:  Return FALSE if no rows was returned  Returns NULL if the cursor is open but fetch has not been executed.  Correct Answer:  Returns NULL if the cursor is open but fetch has not been executed.  Return FALSE if a successful fetch has been executed. | |

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| 39 | |  | | --- | | **Carefully read the question and answer accordingly.**  **class Background implements Runnable{**  **int i = 0;**  **public int run(){**  **while (true) {**  **i++;**  **System.out.println("i="+i);**  **}**  **return 1;**  **}**  **}//End class** | | Selected Option:  The code will cause an error at compile time.  Correct Answer:  The code will cause an error at compile time. | |
| 40 | |  | | --- | | **Carefully read the question and answer accordingly.**  **foreach loop is the only option to iterate over a Map** | | Selected Option:  FALSE  Correct Answer:  FALSE | |

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| 41 | |  | | --- | | **Carefully read the question and answer accordingly.**  **HTTP protocol allows asynchronous transactions between a client and server** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 42 | |  | | --- | | **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?** | | Selected Option:  <%@ page isErrorPage="true" %>  Correct Answer:  <%@ page isErrorPage="true" %> | |

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| 43 | |  | | --- | | **Carefully read the question and answer accordingly.**  **An outer join returns all rows that satisfy the join condition and those rows from one table for which no rows from the other satisfy the join condition.**  **State True or False.** | | Selected Option:  FALSE  Correct Answer:  TRUE | |
| 44 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The method Class.forName() is a part of JDBC API. State True or False.** | | Selected Option:  TRUE  Correct Answer:  FALSE | |

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| 45 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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 code line 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?** | | Selected Option:  chain.doFilter(request, response);  Correct Answer:  chain.doFilter(request, response); | |
| 46 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following code line will destroy a session?** | | Selected Option:  session.invalidate()  Correct Answer:  session.invalidate() | |

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| 47 | |  | | --- | | **Carefully read the question and answer accordingly.**  **TagSupport and BodyTagSupport classes are present in which package?** | | Selected Option:  javax.servlet.jsp.tagext  Correct Answer:  javax.servlet.jsp.tagext | |
| 48 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In which package JAXP related API's are available?** | | Selected Option:  javax.xml.parsers.\*;  Correct Answer:  javax.xml.parsers.\*; | |

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| 49 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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 user passes the value for NUM1 as 0 and NUM2 as 10** | | Selected Option:  Result is 0  Correct Answer:  Compilation fails | |
| 50 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which parser reads small chunk of document at a time,parses it, generate an events and then reads another chunk of document** | | Selected Option:  DOM  Correct Answer:  SAX | |

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| 51 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for following code?**  **public class VariableDec**  **{**  **public static void main(String[]args)**  **{**  **int x = 1;**  **if(x>0 )**  **x = 3;**  **switch(x)**  **{**  **case 1: System.out.println(1);**  **case 0: System.out.println(0);**  **case 2: System.out.println(2);**  **break;**  **case 3: System.out.println(3);**  **default: System.out.println(4);**  **break;**  **}**  **}**  **}** | | Selected Option:  3 4  Correct Answer:  3 4 | |
| 52 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following are valid variable declarations in Java Script?**  **1.var x=3.14**  **2.var int x=4;**  **3.var x=4;**  **4.var country="INDIA"** | | Selected Option:  1&2&4  Correct Answer:  1&3&4 | |

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| 53 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following statements are 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).** | | Selected Option:  Both statements A and B are True.  Correct Answer:  Both statements A and B are True. | |
| 54 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Automatic page Refresh can be done by using refresh Meta Tag.**  **State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 55 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following tag is used to specify the initialization parameters in the web.xml file?** | | Selected Option:  <init-param>  Correct Answer:  <init-param> | |
| 56 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following correctly defines use of DTD in XML development?** | | Selected Option:  All of the listed options  Correct Answer:  All of the listed options | |

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| 57 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the output of below code:**  **package p1;**  **public class Hackathon {**  **public static void main(String[] args) {**  **String x = "Java";**  **x.concat(" Rules!");**  **System.out.println("x = " + x);**  **}**  **}** | | Selected Option:  x = Java Rules  Correct Answer:  x = Java | |
| 58 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the benefits of Logging?**  **1.Debug applications issues easily**  **2.Detect complier errors easily**  **3.Trouble Shoot performance problems** | | Selected Option:  1&3  Correct Answer:  1&3 | |

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| 59 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Identify the life cycle method that is called when a JSP is destroyed** | | Selected Option:  jspDelete()  Correct Answer:  jspDestory() | |
| 60 | |  | | --- | | **Carefully read the question and answer accordingly.**  **A procedure containing a single OUT parameter would be better rewritten as a function returning the value.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 1 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider Vijay is developing web page using HTML.Which method he can use for sending data securely on submitting the form?**  **I: POST**  **II: GET** | | Selected Option:  I  Correct Answer:  I | |
| 2 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following statements:**  **Statement A: GenericServlet is an abstract class**  **Statement B: GenericServlet internally implements Servlet interface**  **Which of the following is true about these statements?** | | Selected Option:  Statement A is true and statement B is true.  Correct Answer:  Statement A is true and statement B is true. | |

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| 3 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which two statements are true?**  **1.It is possible for more than two threads to deadlock at once.**  **2.The JVM implementation guarantees that multiple threads cannot enter into a**  **deadlocked state.**  **3.Deadlocked threads release once their sleep() method's sleep duration has expired.**  **4.If a piece of code is capable of deadlocking, you cannot eliminate the possibility of**  **deadlocking by inserting**  **invocations of Thread.yield().** | | Selected Option:  1&4  Correct Answer:  1&4 | |
| 4 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is FOR UPDATE clause in Cursors?** | | Selected Option:  The records will be available for our changes only.  When we issues a SELECT.. FOR UPDATE clause the RDBMS will automatically place a locks on the all the rows identified by the select statement.  Correct Answer:  When we issues a SELECT.. FOR UPDATE clause the RDBMS will automatically place a locks on the all the rows identified by the select statement.  The records will be available for our changes only. | |

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| 5 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following are abstract classes?**  **1.Reader**  **2.InputStreamReader**  **3.InputStream**  **4.OutputStream** | | Selected Option:  1&3&4  Correct Answer:  1&3&4 | |
| 6 | |  | | --- | | **Carefully read the question and answer accordingly.**  **How do you declare a tag library within a JSP page to use custom tags?** | | Selected Option:  By using taglib directive.  Correct Answer:  By using taglib directive. | |

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| 7 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider the following statements:**  **Statement A: The PreparedStatement 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 option is True with respect to the above statements?** | | Selected Option:  Both Statement A and Statement B are True.  Correct Answer:  Both Statement A and Statement B are True. | |
| 8 | |  | | --- | | **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?** | | Selected Option:  <%@ page isErrorPage="true" %>  Correct Answer:  <%@ page isErrorPage="true" %> | |

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| 9 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the sequence of output of the following code?**  **DECLARE**  **TYPE list\_of\_names\_t IS TABLE OF emp.ename%TYPE**  **INDEX BY BINARY\_INTEGER;**  **family\_mem list\_of\_names\_t;**  **l\_row BINARY\_INTEGER;**  **BEGIN**  **family\_mem (100) := 'Veena';**  **family\_mem (-15) := 'Sheela';**  **family\_mem (-30) := 'Syed';**  **family\_mem (88) := 'Raji';**  **l\_row := family\_mem.FIRST;**  **WHILE (l\_row IS NOT NULL)**  **LOOP**  **DBMS\_OUTPUT.put\_line ( family\_mem(l\_row));**  **l\_row := family\_mem.NEXT (l\_row);**  **END LOOP;**  **END;** | | Selected Option:  Syed, Sheela,Raji, Veena  Correct Answer:  Syed, Sheela,Raji, Veena | |
| 10 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What are the Tools & plug-ins commonly used in testing java application code?**  **1.ANT**  **2.JUnit**  **3.JavaScript**  **4.EMMA** | | Selected Option:  2&4  Correct Answer:  2&4 | |

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| 11 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output of the below query?**  **select instr('My SQL World','a') from dual;** | | Selected Option:  Prints 0  Correct Answer:  Prints 0 | |
| 12 | |  | | --- | | **Carefully read the question and answer accordingly.**  **which are true for try block** | | Selected Option:  after switching from try block to catch block the control never come back to try block to execute rest of the code  Try block always needed a catch block followed  if exception occurs, control switches to following first Catch block  Correct Answer:  catch block is not mandate always only finally followed by try can be executed  after switching from try block to catch block the control never come back to try block to execute rest of the code | |

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| 13 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which object of JSP holds reference to javax.servlet.http.HttpSession object?** | | Selected Option:  session  Correct Answer:  session | |
| 14 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Martin has created a Web application in which a servlet stores a JDBC URL as an attribute of the session object to access a database. He wants other servlets of the application to retrieve the URL attribute from the session object to access the database. Which of the following code snippets can Martin use to retrieve the URL from the session object?** | | Selected Option:  HttpSession session = request.getSession(); String url =(String)session.getAttribute("URL");  Correct Answer:  HttpSession session = request.getSession(); String url =(String)session.getAttribute("URL"); | |

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| 15 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which JSTL code snippet can be used to perform URL rewriting?** | | Selected Option:  <a href='<c:url value="cognizant.jsp"/>'/>  Correct Answer:  <a href='<c:url value="cognizant.jsp"/>'/> | |
| 16 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which method of ServletConfig interface returns a String containing the value of the named initialization parameter, or null if the parameter does not exist?** | | Selected Option:  getInitParameter(String name)  Correct Answer:  getInitParameter(String name) | |

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| 17 | |  | | --- | | **Carefully read the question and answer accordingly.**  **TagSupport and BodyTagSupport classes are present in which package?** | | Selected Option:  javax.servlet.jsp.tagext  Correct Answer:  javax.servlet.jsp.tagext | |
| 18 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is the use of attributes in HTML tags?** | | Selected Option:  Provides additional behaviour to the tag  Correct Answer:  Provides additional behaviour to the tag | |

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| 19 | |  | | --- | | **Carefully read the question and answer accordingly.**  **In JavaScript, for accessing first paragraph tag in the document which of the statement is used?** | | Selected Option:  document.getElementsByTagName("p")[0]  Correct Answer:  document.getElementsByTagName("p")[0] | |
| 20 | |  | | --- | | **Carefully read the question and answer accordingly.**  **If you want to know when a request attribute has been removed,added or replaced, then which listener is the appropriate one?** | | Selected Option:  HttpRequestListener  Correct Answer:  ServletRequestAttributeListener | |

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| 21 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which tag is used to include multiple HTML pages in single page?** | | Selected Option:  frameset  Correct Answer:  frameset | |
| 22 | |  | | --- | | **Carefully read the question and answer accordingly.**  **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?** | | Selected Option:  By programming filters  Correct Answer:  By programming filters | |

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| 23 | |  | | --- | | **Carefully read the question and answer accordingly.**  **JSP syntax errors are caught during which lifecycle event of JSP?** | | Selected Option:  Translation  Correct Answer:  Translation | |
| 24 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Choose a valid package name in Java?**  **1.com.sun.eng**  **2.123pack**  **3.pack123**  **4.outerpack\_innerpack** | | Selected Option:  1&3&4  Correct Answer:  1&3&4 | |

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| 25 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Select the key advantages of using Store procedures in database management system.** | | Selected Option:  All of the listed options  Correct Answer:  All of the listed options | |
| 26 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output for 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);**  **}**  **}** | | Selected Option:  0,6  Correct Answer:  0,6 | |

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| 27 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which statement specifies a constant value for a simple element?** | | Selected Option:  <xs:element name="CountryName" type="xs:string" fixedvalue="India"/>  Correct Answer:  <xs:element name="CountryName" type="xs:string" fixed="India"/> | |
| 28 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What does XSL stands for?** | | Selected Option:  Extensible Style Sheet Language  Correct Answer:  Extensible Style Sheet Language | |

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| 29 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following are valid variable declarations in Java Script?**  **1.var x=3.14**  **2.var int x=4;**  **3.var x=4;**  **4.var country="INDIA"** | | Selected Option:  1&3&4  Correct Answer:  1&3&4 | |
| 30 | |  | | --- | | **Carefully read the question and answer accordingly.**  **An art of identifying, organizing, controlling and verifying the modification to the software work products built by the developer.** | | Selected Option:  SCM  Correct Answer:  SCM | |

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| 31 | |  | | --- | | **Carefully read the question and answer accordingly.**  **DECLARE**  **TYPE StockItem IS RECORD(**  **item\_no Item\_master.Item\_code%TYPE,**  **item\_name Item\_master.Item\_name%TYPE,**  **quantity Stock.Current\_stock%TYPE,**  **Unit\_price Item\_master.unit\_price%TYPE);**  **St\_rec StockItem;**  **Predict what type of record it fall under ?** | | Selected Option:  Simple Record  Correct Answer:  Custom Record | |
| 32 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following gives the order of Database administrative steps needed to open an Oracle Database?** | | Selected Option:  Start an instance, Open the Database, Mount the database  Correct Answer:  Start an instance, Mount the database, Open the database | |

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| 33 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Expression Language treats null values as “zero” In arithmetic operations.State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |
| 34 | |  | | --- | | **Carefully read the question and answer accordingly.**  **You are developing dynamic web application using JSP. Which attribute of page directive specifies the list of classes imported in the JSP file?** | | Selected Option:  import  Correct Answer:  import | |

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| 35 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which protocol Servlets and JSP use to communicate with clients?** | | Selected Option:  HTTP  Correct Answer:  HTTP | |
| 36 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Select the options which are true for Singleton pattern** | | Selected Option:  To implement singleton pattern, we create static reference to the singleton instance and return a reference to that instance from a static instance() method  ApplicationContext is the example of Singleton Pattern  the implementation code for Singleton pattern : public class PrinterSingleton { public PrinterSingleton instance = null; private PrinterSingleton () { } public PrinterSingleton getInstance() { if(instance == null) { instance = new PrinterSingleton (); } return instance; } }  Correct Answer:  Singleton pattern ensures that only one object for the class created  Provides global access to the Singleton Object  To implement singleton pattern, we create static reference to the singleton instance and return a reference to that instance from a static instance() method  ApplicationContext is the example of Singleton Pattern | |

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| 37 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Select the right coding best practices followed while using java Collections.**  **1.Use for loop instead of iterator**  **2.Use Collections with generic with same type of data.**  **3.Copy collections into other collections by calling addAll() methods instead using iterator to copy each collection element.** | | Selected Option:  2&3  Correct Answer:  2&3 | |
| 38 | |  | | --- | | **Carefully read the question and answer accordingly.**  **A filter configuration object used by a servlet container to pass information to a filter during initialization.**  **State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 39 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which class does not override the equals() and hashCode() methods, inheriting them directly from class Object?** | | Selected Option:  java.lang.StringBuffer  Correct Answer:  java.lang.StringBuffer | |
| 40 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output of following code?**  **class InterfaceDemo**  **{**  **public static void main(String [] args)**  **{**  **new DigiCam(){}.doCharge();**  **new DigiCam(){**  **public void writeData (String msg)**  **{**  **System.out.println("You are Sending: "+msg);**  **}**  **}.writeData("MyFamily.jpg");**  **}//main**  **}**  **interface USB**  **{**  **int readData();**  **void writeData(String input);**  **void doCharge();**  **}**  **abstract class DigiCam implements USB**  **{**  **public int readData(){ return 0;}**  **public void writeData(String input){}**  **public void doCharge()**  **{**  **System.out.println("DigiCam do Charge");**  **}**  **}** | | Selected Option:  Compilation Error  Correct Answer:  DigiCam do Charge  You are Sending: MyFamily.jpg | |

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| 41 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Websphere Application server is a open source server** | | Selected Option:  FALSE  Correct Answer:  FALSE | |
| 42 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What will be the output of following code?**  **class Super2**  **{**  **public void display()**  **{**  **System.out.println("super class display method");**  **}**  **public void exe()**  **{**  **System.out.println("super class exe method");**  **display();**  **}**  **}**  **public class InheritMethod extends Super2**  **{**  **public void display()**  **{**    **System.out.println("sub class display method");**  **}**    **public static void main(String [] args)**  **{**    **InheritMethod o=new InheritMethod();**    **o.exe();**  **}**    **}** | | Selected Option:  super class exe method super class display method  Correct Answer:  super class exe method  sub class display method | |

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| 43 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of the following are true statements?** | | Selected Option:  The Iterator interface declares only three methods: hasNext, next and remove.  The ListIterator interface extends both the List and Iterator interfaces  The ListIterator interface provides forward and backward iteration capabilities.  Correct Answer:  The Iterator interface declares only three methods: hasNext, next and remove.  The ListIterator interface provides the ability to determine its position in the List.  The ListIterator interface provides forward and backward iteration capabilities. | |
| 44 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What does XML stand for?** | | Selected Option:  eXtensible Markup Language  Correct Answer:  eXtensible Markup Language | |

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| 45 | |  | | --- | | **Carefully read the question and answer accordingly.**  **The ++ operator postfix and prefix has the same effect** | | Selected Option:  FALSE  Correct Answer:  FALSE | |
| 46 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which of these keywords are a part of exception handling?** | | Selected Option:  try  catch  Correct Answer:  try  catch | |

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| 47 | |  | | --- | | **Carefully read the question and answer accordingly.**  **How to display output from PLSQL?** | | Selected Option:  DBMS\_OUTPUT.PUT\_LINE(' The employee name is : X')  DBMS\_OUTPUT.PUT\_LINE  Correct Answer:  DBMS\_OUTPUT.PUT\_LINE  DBMS\_OUTPUT.PUT\_LINE(' The employee name is : X') | |
| 48 | |  | | --- | | **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.** | | Selected Option:  FALSE  Correct Answer:  FALSE | |

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| 49 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Lisa is a web developer she developing dynamic web application using JSP. She want to include "Header.jsp" in all JSP page which she have designed. Which of the following statement includes Header.jsp file?**  **1.<jsp:include page=“Header.jsp”/>**  **2.<jsp:include file=“Header.jsp”/>**  **3.<%@include file=“Header.jsp”%>**  **4.<%@include page=“Header.jsp”%>** | | Selected Option:  1&3  Correct Answer:  1&3 | |
| 50 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Automatic page Refresh can be done by using refresh Meta Tag.**  **State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 51 | |  | | --- | | **Carefully read the question and answer accordingly.**  **State whether TRUE or FALSE.**  **An abstract class cannot contain non abstract methods** | | Selected Option:  TRUE  Correct Answer:  FALSE | |
| 52 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Mark is developing a web based application. The home page is a servlet that accepts the user name and password. Mark does not want the user to enter the username every time he logs into the website. He wants to find a way to store the value on the user's machine. Which method should he use so that the value gets stored on the user's machine?** | | Selected Option:  addCookie()  Correct Answer:  addCookie() | |

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| 53 | |  | | --- | | **Carefully read the question and answer accordingly.**  **DIV tag creates linebreaks similar to paragraph tags.**  **State True or False.** | | Selected Option:  FALSE  Correct Answer:  TRUE | |
| 54 | |  | | --- | | **Carefully read the question and answer accordingly.**  **An outer join returns all rows that satisfy the join condition and those rows from one table for which no rows from the other satisfy the join condition.**  **State True or False.** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 55 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Type 1 & Type 3 driver types are not vendor specific implementation of Java driver. State True or False** | | Selected Option:  FALSE  Correct Answer:  TRUE | |
| 56 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which procedure gets the student id and the course name for the given grade.**  **TABLE DATA - COURSES:**  **COURSEID DEPARTMENTID COURSENAME**  **1112 20 Science**  **1113 30 Economics**  **TABLE DATA - TBL\_GRADE:**  **STUDENTID COURSEID YEAR SEMESTER GRADE**  **10001 1112 2014 'Second Semester' 1**  **10002 1113 2015 'First Semester' 2**  **SAMPLE OUTPUT : Student ID: 10001 grade is 1** | | Selected Option:  CREATE OR REPLACE PROCEDURE proc\_get\_details(p\_grade IN TBL\_GRADE.grade%TYPE) AS v\_studentid NUMBER; v\_coursename VARCHAR2(10); v\_grade NUMBER; CURSOR c\_grade IS SELECT g.studentid, co.coursename FROM TBL\_GRADE g, COURSES co WHERE g.courseid = co.courseid AND g.grade = p\_grade; BEGIN OPEN c\_grade; LOOP FETCH c\_grade INTO v\_studentid , v\_coursename; EXIT WHEN c\_grade%NOTFOUND; v\_grade := p\_grade; DBMS\_OUTPUT.PUT\_LINE('Student ID:'||' '||v\_studentid||' '||'grade is'||' '||v\_grade); END LOOP; CLOSE c\_grade; END proc\_get\_details;  Correct Answer:  CREATE OR REPLACE PROCEDURE proc\_get\_details(p\_grade IN TBL\_GRADE.grade%TYPE) AS v\_studentid NUMBER; v\_coursename VARCHAR2(10); v\_grade NUMBER; CURSOR c\_grade IS SELECT g.studentid, co.coursename FROM TBL\_GRADE g, COURSES co WHERE g.courseid = co.courseid AND g.grade = p\_grade; BEGIN OPEN c\_grade; LOOP FETCH c\_grade INTO v\_studentid , v\_coursename; EXIT WHEN c\_grade%NOTFOUND; v\_grade := p\_grade; DBMS\_OUTPUT.PUT\_LINE('Student ID:'||' '||v\_studentid||' '||'grade is'||' '||v\_grade); END LOOP; CLOSE c\_grade; END proc\_get\_details; | |

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| 57 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Consider you are developing a JDBC application, where you have to retrieve the Employee information from the database table based on Employee id value passed at runtime as parameter. Which best statement API you will use to execute parameterized SQL statement at runtime?** | | Selected Option:  CallableStatement  Correct Answer:  PreparedStatement | |
| 58 | |  | | --- | | **Carefully read the question and answer accordingly.**  **State whether TRUE or FALSE.**  **The APIS of StringBuffer are synchronized unlike that of StringBuilder** | | Selected Option:  TRUE  Correct Answer:  TRUE | |

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| 59 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Which parser reads small chunk of document at a time,parses it, generate an events and then reads another chunk of document** | | Selected Option:  SAX  Correct Answer:  SAX | |
| 60 | |  | | --- | | **Carefully read the question and answer accordingly.**  **You are using the system account to create a synonym as follows:**  **Create synonym User for UserDetails**  **Which statements are true with respect to the above synonym?** | | Selected Option:  A synonym with the name User is created and any user can access it  Correct Answer:  A synonym with the name User is created and only system can use it | |