*Active     Attempted     Not Attempted*

**Q1**

Ganesh wants to include a file at the JSP page after page translation.   
Which JSP directive has to be used by him?

*Single Choice - Select one correct answer from the options list.*

taglib directive

page directive

jsp action include

include directive

**Q2**

<%= "HelloWorld" %>  
  
This is an example of:

*Single Choice - Select one correct answer from the options list.*

jsp directive

jsp expression

jsp scriptlet

jsp declaration

**Q3**

Consider following JSP code snippet. What would it result in?   
  
<%! public String sample()  
{ return "Testing method sample()"; }   
%> <%=sample()%>

*Single Choice - Select one correct answer from the options list.*

Prints "Testing method sample()"

Will result in Blank page, however no error displayed on the page

Compilation error as the function cannot be called inside the expression tag

Runtime Exception as the function cannot be called inside the expression tag

**Q4**

Which annotation is representing Entity class?

*Single Choice - Select one correct answer from the options list.*

@Entity

@EntityClass

@EntityName

@Entities

**Q5**

Select the correct way of specifying Single Table per Class hierarchy entity mapping strategy:

*Single Choice - Select one correct answer from the options list.*

InheritanceType.JOINED

InheritanceType.SINGLE\_TABLE

InheritanceType.TABLE\_PER\_CLASS

None of these

**Q6**

Which of the following is correct to implement interservlet communication?

*Single Choice - Select one correct answer from the options list.*

RequestDispatcher rd = RequestDispatcher.getRequestDispatcher("path"); rd.include(request, response);

RequestDispatcher rd = getServletContext().getRequestDispatcher("path"); rd.include(request, response);

RequestDispatcher rd = RequestDispatcher.getRequestDispatcher(path);

RequestDispatcher rd = getServletContext().getRequestDispatcher("path"); rd.dispatch(request,response);

**Q7**

In JSP Action tags, which tag is used to add an object to session?

*Single Choice - Select one correct answer from the options list.*

<jsp:include>

<jsp:useBean>

<jsp:plugin>

<jsp:param>

**Q8**

<c:forEach var="item" items="one, two, three, four" >  
//LINE 1  
 </c:forEach>  
  
Select the correct option which will display all the value of items:

*Single Choice - Select one correct answer from the options list.*

<%=#{item} %>

<% ${item} %>

${item}

${item[i] }

**Q9**

Which method of HttpSession object is used to find out at what time session was created?

*Single Choice - Select one correct answer from the options list.*

public long getCreationTime()

public long getLastAccessedTime()

public long getLastCreationTime()

public long getFirstAccessedTime()

**Q10**

Select the correct order of the invocation of service functions in servlet.

*Single Choice - Select one correct answer from the options list.*

public void service(..)   
either void doGet(..) Or doPost(..)

either void doGet(..) Or doPost(..)  
private void service(..)

either void doGet(..) Or void doPost(..)  
public void service(..)

None of the above

**Q11**

Consider the below SomeServlet Code:  
  
out.println("Output: " + request.getRequestURI());  
  
If below is the URL used to invoke MyServlet,  
  
http://localhost:8080/SomeApp/SomeServlet?txtName=bob&txtAmount=1000&btnSubmit=SUBMIT  
  
then, What will be the output?

*Single Choice - Select one correct answer from the options list.*

Output: txtName=bob&txtAmount=1000&btnSubmit=SUBMIT

Output : http://localhost:8080/SomeApp/SomeServlet?txtName=bob&txtAmount=1000&btnSubmit=SUBMIT

Output: null

Output: /SomeApp/SomeServlet

**Q12**

Select the correct choice based on given statements:  
  
1. DataSource in Spring can be acquired using either DriverManagerDataSource or by using JNDI lookup.  
2. Entity manager could be either application managed or container managed.

*Single Choice - Select one correct answer from the options list.*

Statement 1 is true where as 2 is false

Statement 1 is false where as 2 is true

Both statements are true

Both statements are false

**Q13**

Select the correct  statements about spring annotations?

*Single Choice - Select one correct answer from the options list.*

@Param annotation is class level annotation used to map requested URL

@ModelAttribute annotation binds a method parameter to a named attribute, exposed to web view

@RequestMapping can only be applied to methods of repository class

Usage of @Controller annotation at class level represents that class is used for Database connection

**Q14**

Choose the correct statement about  Spring Boot?

*Single Choice - Select one correct answer from the options list.*

Dynamically wires up beans and settings and applies them to your application context

Provides a productive and stream-lined full-stack web framework by combining the power.

An open-source library with which an application can be connected with cloud environment.

A lightweight, comprehensive batch framework designed to enable the development of robust   
batch applications vital for the daily operations of enterprise systems.

**Q15**

Consider the given class:  
  
//Line 1......  
public class PaymentRepositoryImpl {  
    //Line 2.........  
   private EntityManager entityManager;  
  //rest code   
}  
  
If there is a requirement to configure above class using annotations, then which of the following   
annotations are valid to define Spring repository bean and inject EntityManager instance respectively?

*Single Choice - Select one correct answer from the options list.*

1.@Repository  
2.@PersistenceContext

1.@Service  
2.@PersistenceUnit

1.@Repository  
2.@EntityManager

1.@Controller  
2.@PersistenceContext

**Q16**

Pick up the valid option  for the scope attribute in Spring 3.0:  
  
<bean id="app " class="com.cg.payment.dto "  scope=" "/>

*Single Choice - Select one correct answer from the options list.*

context

prototype

httpSession

page

**Q17**

Which of the following option represent the correct sequence steps for Spring JPA integration?

*Single Choice - Select one correct answer from the options list.*

1. Create or lookup for DataSource  
2. Obtain EntityManager in DAO repositories.  
3. Configure Persistence Unit using Spring API.  
4. Setup transaction management on Services

1. Create or lookup for DataSource  
2. Configure Persistence Unit using Spring API.  
3. Obtain EntityManager in DAO repositories.  
4. Setup transaction management on Services

1. Create or lookup for DataSource  
2. Setup transaction management on Services   
3. Obtain EntityManager in DAO repositories.  
4. Configure Persistence Unit using Spring API.

1. Setup transaction management on Services.  
2. Configure Persistence Unit using Spring API.  
3. Obtain EntityManager in DAO repositories.  
4. Create or lookup for DataSource.

**Q18**

Select the correct statement about spring annotations?

*Single Choice - Select one correct answer from the options list.*

@Repository: This annotation marks classes that implement a part of the database access   
logic of an application

@ComponentScan : An equivalent for Spring XML's <context:component-scan/>   
is provided with the @ComponentScan annotation

@EnableAutoConfiguration annotation will trigger automatic loading of all the beans   
the application requires

All of the above

**Q19**

Choose the correct statement about the given Spring code:  
  
@Component  
public class Order {  
  @Autowired  
  private Product product;  
  private Customer customer;  
  @Autowired  
  public Order(Customer customer)   
{  
          this.customer = customer;  
  }  
  
  // . . .   
}

*Single Choice - Select one correct answer from the options list.*

We can do @AutoWired by constructor ,but not by name

We can do @AutoWired by constructor & by name

We can do @AutoWired by name & but not by constructor

We can do @AutoWired not by name & by constructor

**Q20**

In a Spring applicaton, Consider InternalResourceViewResolver is used and handleRequest   
method returns ModelAndView ("home","msg",message) then which JSP will be invoked?

*Single Choice - Select one correct answer from the options list.*

home.jsp

msg.jsp

message.jsp

model.jsp

**Q21**

Which Spring modules usage will be more suitable for designing spring application   
in the below given scenarios?  
  
Scenario 1: Developer wants to use new data access technologies, such as non-relational   
databases in his application.  
  
Scenario 2:  Developer wants to use an embedded server in a development environment.

*Single Choice - Select one correct answer from the options list.*

Scenario 1. Spring Data  
Scenario 2. Spring Boot

Scenario 1. Spring Data  
Scenario 2. Spring Cloud

Scenario 1. Spring XD  
Scenario 2. Spring Framework

Scenario 1. Spring XD  
Scenario 2. Spring Web

**Q22**

Analyze the below given HTML code and identify how many radio buttons are allowed to be selected?  
  
<input type="radio" name="r" value="Business"/>Business  
<input type="radio" name="g" value="Employee - Private   
  
Sector"/>Employee - Private Sector  
  <input type="radio" name="b" value="Employee - Public   
  
Sector"/>Employee - Public Sector

*Single Choice - Select one correct answer from the options list.*

0

1

2

3

**Q23**

<!DOCTYPE HTML>  
<html>  
 <body>  
  <form action="">  
  Enter a date before 1980-01-01:  
  <input type="date" name="bday" max="1979-12-31">  
  <br>  
  Enter a date after 2000-01-01:  
  <input type="date" name="bday" min="2000-01-01">  
  <br>  
  <input type="submit">  
  </form>  
 </body>  
 Given the above code snippet in HTML5, what date the date picker will display ?  
</html>

*Single Choice - Select one correct answer from the options list.*

Wrong attributes used, instead use "minimum" and "maximum" with input type date to apply constraints

The first date is displayed from December, 1979 and after that and will span to year 1980 or afterwards. The second date is displayed before year 2000

The first date is displayed from December, 1979 and before that and will not span to year 1980 or afterwards. The second date is displayed after year 2000 and not before

Min and Max attributes have no effect on input type as date and date picker shows current date

**Q24**

Rakshana likes to create an input field only to display contents and contents length may exceeds more than one line. Which statement is more suitable for this requirement?

*Single Choice - Select one correct answer from the options list.*

<input type="text" value="Content" readonly/>

<textarea readonly>Content</textarea>

<textarea>Content</textarea>

<textarea value="Content" disabled/>

**Q25**

Choose the correct style example of ID selector?

*Single Choice - Select one correct answer from the options list.*

p {  
text-align: center;  
color: red;  
}

#para1 {  
text-align: center;  
color: red;  
}

.center {  
text-align: center;  
color: red;  
}

h1, h2, p {  
text-align: center;  
color: red;  
}

**Q26**

Identify the properties of Document Object?  
  
a) anchors[]  
b) forms[]  
c) img[]  
d) links[]

*Single Choice - Select one correct answer from the options list.*

a and b only

a,b and d

a alone

b and d

**Q27**

What happens if moveTo(x,y) method is called on window object in JavaScript ?

*Single Choice - Select one correct answer from the options list.*

Current window will be move to the coordinate specified by x and y.

Current window will be move by x and y value.

Moves window to a new frame.

Window will disappear in background.

**Q28**

Which of the following selector will apply the style on the element designated by a pointing device?

*Single Choice - Select one correct answer from the options list.*

.hover

:hover

:onfocus

.onfocus

**Q29**

Find the below given code snippet to select the value in City dropdown.  
  
WebElement cityvar = Driver.findElement(By.name("dropcity")  
Select sel = new Select(cityvar);  
sel.selectByText("Bangalore");  
  
State whether the above code will get execute.

*Single Choice - Select one correct answer from the options list.*

Yes, the code will execute

No, the code will not execute

Code will give compilation error

None of the above

**Q30**

Which of the below is not a Cucumber keyword?

*Single Choice - Select one correct answer from the options list.*

Feature

Scenario

Then

keys

**Q31**

Which commands would you use to automate the following test scenario using Selenium IDE?  
Open URL: http://www.google.com/ and search for "Page Object Model".  
The search textbox id is "lbsearch"

*Single Choice - Select one correct answer from the options list.*

1.open https://www.google.co.in   
2.type id=lbsearch Page Object Model

1.get https://www.google.co.in   
2.type id=lbsearch Page Object Model

1.geturl https://www.google.co.in   
2.sendKeys id=lbsearch Page Object Model

1.open https://www.google.co.in   
2.insert id=lbsearch Page Object Model

**Q32**

Consider the following scenario:  
  
 Test Engg. wants to automate below scenario using Selenium IDE:  
Open URL: http://www.google.com/ and search for "Sachin Tendulkar"   
After that he/she needs to ensure link "Sachin Tendulkar - Wikipedia, the free encyclopedia"   
is present on the results page  
  
Which Selenium IDE commands would you suggest to Test Engg.?

*Single Choice - Select one correct answer from the options list.*

Test Engg. has to use Open,Sendkeys,waitForElementPresent,assertTextPresent commands   
to automate this given scenario

Test Engg. has to use get,type,VerifyText commands to automate this given scenario

Test Engg. has to use Open,type,waitForTextPresent,VerifyLink commands to automate   
this given scenario

Test Engg. has to use Open,type,waitForElementPresent,assertText commands to automate   
this given scenario

**Q33**

Cucumber Hooks allows us to better manage the code workflow and helps us to reduce   
the code redundancy.

*Single Choice - Select one correct answer from the options list.*

TRUE

FALSE

**Q34**

Regarding the BDD which of the below statement is correct?

*Single Choice - Select one correct answer from the options list.*

Test written are more complicated

Test are written in plain descritive english

BDD is same as TDD

None of these

**Q35**

Which of the following features are NOT supported by Selenium IDE ?

*Single Choice - Select one correct answer from the options list.*

Test in multiple browsers

Test against Firefox only

Export recorded tests to scripts

Record and Play

**Q36**

When, Then, And, Given keywords can be replaced by which keyword?

*Single Choice - Select one correct answer from the options list.*

--

\*

#

&

**Q37**

Scenario outline is:

*Single Choice - Select one correct answer from the options list.*

used to replace different keyword

basically replaces variable/keywords with the value from the table.   
Each row in the table is considered to be a scenario.

used to add negative type comments.

used to add conditions to your steps.

**Q38**

Consider the following HTML code :  
  
<html>  
            <head>  
                         <title>Select Dropdown</title>  
             </head>  
<body>  
             <div class="bn-default">  
                      <p>Please Enter any value: </p>  
                      <input name="textbox" class="txtbox-default" type="text"></input>  
                      <input name="textbox" class="txtbox-default" type="text"></input>  
                      <input type="radio" name="radio" value="option1" checked>   
            </div>  
</body>  
</html>  
  
Which of the following is the best xpath to find second textbox ?

*Single Choice - Select one correct answer from the options list.*

Xpath = //div[@class='bn-default']/input[2]

Xpath = //div[@class='bn-default']/input[1]

Xpath = //div[@class='bn-default']/input

Xpath = //\*[@name='textbox'][@class='txtbox-default']

**Q39**

BDD helps to focus on the user's needs and the system's expected behavior rather than   
focusing too much on testing the implementation.

*Single Choice - Select one correct answer from the options list.*

TRUE

FALSE

**Q40**

Which of the following Selenium IDE script is correct for below given flow?  
  
1. Open  'opencartdemo' application  
2. verify title  
3. Verify if search text box present on page  
4. Enter text in search text box "Mobile"  
5. click on search button  
6. Verify the text" Search - mobile"  is displaying on web page  
7. Close the application

*Single Choice - Select one correct answer from the options list.*

1. geturl https://demo.opencart.com/  
2. assertTitle Your Store  
3. verifyElementPresent name=search  
4. type name=search Mobile  
5. clickAndWait id=serbutton  
6. verifyText id=text1 Search - mobile   
7. Close 

1. open https://demo.opencart.com/  
2. assertTitle Your Store  
3. verifyElementPresent name=search  
4. type name=search Mobile  
5. clickAndWait id=serbutton  
6. verifyText id=text1 Search - mobile   
7. Exit 

1. open https://demo.opencart.com/  
2. assertTitle Your Store  
3. verifyElementPresent name=search  
4. type name=search Mobile  
5. clickAndWait id=serbutton  
6. verifyText id=text1 Search - mobile   
7. Quit 

1. open https://demo.opencart.com/  
2. assertTitle Your Store  
3. verifyElementPresent name=search  
4. type name=search Mobile  
5. clickAndWait id=serbutton  
6. verifyText id=text1 Search - mobile   
7. Close 

**Q41**

In WebDriver code what is the purpose of implicit wait?

*Single Choice - Select one correct answer from the options list.*

There is no feature for wait.

The implicit wait will tell to the web driver to wait for certain amount of time before it throws   
a No Such Element Exception

The implicit wait is used to tell the Web Driver to wait for till the page gets loaded before   
throwing an ElementNotVisibleExceptio.

The implicit wait is used to tell the Web Driver to wait for expected condition or the maximum   
time exceeded before throwing an ElementNotVisibleException

**Q42**

In traditional automation more knowledge is required for designing as compared to BDD.

*Single Choice - Select one correct answer from the options list.*

This statement is correct

This statement is wrong

This statement is irrelavant to both approach.

None of these

**Q43**

Background in Cucumber is:

*Single Choice - Select one correct answer from the options list.*

used to define a condition in the feature file.

used to define a step or series of steps which are common to all the tests in the feature file.

used to define a action in the feature file.

used to define a test.

**Q44**

Which of the below is the example of a scenario?

*Single Choice - Select one correct answer from the options list.*

Then some testable outcome is achieved  
And something else we can check happens too

When some action by the actor  
Then some testable outcome is achieved  
And something else we can check happens too

Scenario: Some determinable business situation  
Given some precondition  
And some other precondition  
When some action by the actor  
Then some testable outcome is achieved  
And something else we can check happens too

Scenario: Some determinable business situation  
Then some testable outcome is achieved  
And something else we can check happens too

**Q45**

Cucumber doen not support which of the below software platform?

*Single Choice - Select one correct answer from the options list.*

Ruby on rails

Selenium

Spring framework

Android

**Q46**

Consider the below scenario:  
  
David has to select selenium flavor suitable for  below requirement:  
  
"The application needs to be tested across different browsers"  
  
Which flavor would you suggest to David?

*Single Choice - Select one correct answer from the options list.*

Selenium IDE

Selenium WebDriver

Selenium Grid

Selenium Web

**Q47**

Feature: Is it Friday yet?  
  Everybody wants to know when it's Friday  
  
  Scenario: Sunday isn't Friday          
    Given today is Sunday                
    When I ask whether it's Friday yet   
    Then I should be told "Nope"    
  
Which of the below generated step file matching with the feature mentioned above?

*Single Choice - Select one correct answer from the options list.*

@Given("^today is Sunday$")  
public void today\_is\_Sunday()  
{  
throw new PendingException();  
}  
  
@When("^I ask whether it's Friday yet$")  
public void i\_ask\_whether\_is\_s\_Friday\_yet()   
{  
throw new PendingException();  
}  
  
@Then("^I should be told \"([^\"]\*)\"$")  
public void i\_should\_be\_told(String arg1)   
{  
throw new PendingException();  
}

@Given("^today is Sunday$")  
public void today\_is\_Sunday()  
{  
throw new PendingException();  
}  
  
@Then("^I should be told \"([^\"]\*)\"$")  
public void i\_should\_be\_told(String arg1)   
{  
throw new PendingException();  
}

@Given("^today is Sunday$")  
public void today\_is\_Sunday()  
{  
throw new PendingException();  
}  
  
@When("^I ask whether it's Friday yet$")  
public void i\_ask\_whether\_is\_s\_Friday\_yet()   
{  
throw new PendingException();  
}

@When("^I ask whether it's Friday yet$")  
public void i\_ask\_whether\_is\_s\_Friday\_yet()   
{  
throw new PendingException();  
}  
  
@Then("^I should be told \"([^\"]\*)\"$")  
public void i\_should\_be\_told(String arg1)  
{  
throw new PendingException();  
}

**Q48**

Which of the following Selenium Web Driver code is correct for "Reset Button" on   
application web page?

*Single Choice - Select one correct answer from the options list.*

driver.findElement(By.name("btnReset")).sendKeys("You pressed Ok Button");

driver.findElement(By.name("btnReset")).click();

driver.findElement(By.name("btnReset")).submit();

driver.findElement(By.name("btnReset")).reset();

**Q49**

public class TestDemo   
{   
 @Test                                                                                                    
 static TestDemo td=new TestDemo();  
  
 public static void main(String args[])  
 {  
 td.displayData();  
 }  
  @Test @Ignore  
  void displayData()  
  {  
   System.out.println("hello!!!");  
  }     
  
}  
  
Consider the given java code snippet & predict the output.

*Single Choice - Select one correct answer from the options list.*

no output , as @ignore is given above displayData method

hello!!!

compilation fails as @Test Cannot be used for a object

runtime exception occurs

**Q50**

Refer to the below code.  
  
import java.util.Arrays;  
import java.util.List;  
import java.util.TreeSet;  
   
public class MyArray{  
   
    public static void main(String a[])  
{  
        String[] strArr = {"one","two","three","four","four","five"};  
        //convert string array to list  
        List<String> tmpList = Arrays.asList(strArr);  
        //create a treeset with the list, which eliminates duplicates  
        TreeSet<String> unique = new TreeSet<String>(tmpList);  
        System.out.println(unique);  
    }  
}  
  
What will be the output?

*Single Choice - Select one correct answer from the options list.*

[five, four, one, three, two]

[five,four, four, one, three, two]

compilation fails as list object cannot be passed to constructor of Treeset

[one,two,three,four,five]

**Q51**

public static void main(String[] args)  
 {  
5. try {  
6. if(args.length == 0) throw new Exception();  
7. }  
8. catch (Exception e)   
9.{ System.out.print("done ");  
10. doStuff(); // assume this method compiles  
11. }  
12. finally   
13. { System.out.println("finally ");  
14. }  
15. }  
  
Which is the output of this code?

*Single Choice - Select one correct answer from the options list.*

done

finally

done finally

compilation error

no output

**Q52**

class AllGoesWrong {  
public static void main(String[] args)  
 {  
AllGoesWrong a = new AllGoesWrong();  
try {  
a.blowUp();  
System.out.println("a");  
} catch (IOException e | SQLException e)   
{  
System.out.println("c");  
} finally {  
System.out.println("d");  
}  
}  
void blowUp() throws IOException, SQLException   
{  
throw new SQLException();  
}  
}  
  
What is the result?

*Single Choice - Select one correct answer from the options list.*

ad

acd

cd

compilation error in catch block

**Q53**

class Demo2  
{  
 public static void main(String ar[])  
{  
  int a=Integer.parseInt(ar[0]);  
  int b=Integer.parseInt(ar[1]);    
  System.out.println(a+b);  
    
 }  
}  
  
Run application using   
  
java  Demo2  10 hello  
  
Identify possible exception to be handled in the program:

*Single Choice - Select one correct answer from the options list.*

ArrayIndexOutOfBoundsException

NumberFormatException

IllegalArgumentException

None of the above

**Q54**

Which of the following Java interfaces can be used by Collections.sort() method to sort   
user defined objects stored in a list?

*Single Choice - Select one correct answer from the options list.*

SortedSet

Comparator

Comparable

None

**Q55**

public class LambdaDemo {  
  
public static void main(String[] args)   
{  
  Supplier<String>supplier = ()->"Welcome to Java World";  
  Predicate<String>pred = (str1)->str1.length()>10;  
System.out.println(pred.test(supplier.get()));  
}}

*Single Choice - Select one correct answer from the options list.*

true

false

compilation error

none of the above

**Q56**

Assuming that there are 5 rows in the ProductDetails table   
(COLUMNS: product\_id number(10), product\_title varchar(30) ),   
  
What will be the output of the following Java code?  
  
DriverManager.registerDriver (new oracle.jdbc.driver.OracleDriver());  
     Connection conn =   
     DriverManager.getConnection (  
     "jdbc:oracle:thin:@10.212.74.18:1521:orcl", "user", "password");  
   Statement stmt1=conn.createStatement();  
   ResultSet rs=stmt1.executeQuery("SELECT \* FROM ProductDetails");  
   System.out.println(rs.getInt(1)+" "+rs.getString(2));----------Line 1

*Single Choice - Select one correct answer from the options list.*

Compilation error in the Line 1 as rs.next() is not given before this

SQLException is raised. Because rs.next() is not given in the code

Prints the contents of the first row from the table

SQLException is raised. Because while loop is not given in the code

**Q57**

Priya is  involved in the development of online shopping system. She wants to maintain product   
details in a cart such as product id and quantity in the form of key/value pair.   
She wants data in sorted manner. Which collection classes would you suggest for her to   
implement the functionality based on the above requirement?

*Single Choice - Select one correct answer from the options list.*

java.util.Vector

java.util.HashMap

java.util.TreeMap

java.util.ArrayList

**Q58**

What will be the output of the following code fragment?  
  
Vector v1 = new Vector(7, 3);  
 for(int num = 1;num<=15;num++)  
  v1.add(num);  
 System.out.println(v1.capacity());

*Single Choice - Select one correct answer from the options list.*

21

15

18

16

**Q59**

import java.util.function.BiFunction;  
public class TestQuestion {  
 public static void main(String[] args)  
 {  
  BiFunction<Integer, Integer, Boolean> isMax = (x, y) -> {  
            return (x > y ? true : false);  
  };  
  System.out.println(isMax.apply(45, 50));  
 }  
}  
  
What will be the output of above code?

*Single Choice - Select one correct answer from the options list.*

True

False

Compilation error as a BiFunction requires only 2 arguments

Exception is thrown

**Q60**

What will be written to the standard output when the following program is run?  
  
public class Test {  
public static void main(String[] args)   
{  
String word = "restructure";  
System.out.println(word.substring(2, 3));  
}  
}  
  
Select the one correct answer.

*Single Choice - Select one correct answer from the options list.*

est

s

es

str

**Q61**

Which of the below Classed wil lnot compile  
  
class c1 { }  
2. class c2 { }  
3. interface i1 { }  
4. interface i2 { }  
5. class A extends c2 implements i1 { }  
6. class B implements i1 implements i2 { }  
7. class C implements c1 { }  
8. class D extends c1, implements i2 { }  
9. class E extends i1, i2 { }  
10. class F implements i1, i2 { }

*Single Choice - Select one correct answer from the options list.*

B C and D class

B C D and E class

Only B class

only B and D

**Q62**

Which of the following is not a Functional Interface in java 8?

*Single Choice - Select one correct answer from the options list.*

Supplier

Consumer

Serializable

Predicate

**Q63**

Choose the correct lambda code to check the given value is divisible by 5.

*Single Choice - Select one correct answer from the options list.*

Predicate<Integer> divisble=(number)->number / 5 == 0;  
System.out.println(divisble.test(11));

Predicate<int> divisble=(number)->number / 5 == 0;  
System.out.println(divisble.test(11));

Predicate<Integer> divisble=(number)->number % 5 == 0;  
System.out.println(divisble.test(11));

Predicate<int> divisble=(number)->number % 5 == 0;  
System.out.println(divisble.test(11));

**Q64**

What will the following statement is true in context of JDBC 4?

*Single Choice - Select one correct answer from the options list.*

JDBC 4 auto loads and registers the Driver available in build path for Database access

Driver jar is not required while working with JDBC4

Class.forName("driver name") is still required to load and register the driver

None of the above

**Q65**

What will be the output of the program?  
  
import java.util.\*;   
class Test  
{  
    public static void main (String[] args)   
    {  
           Set hashSet = new HashSet();  
            hashSet.add(1);  
            hashSet.add(null);                                                                                                                                                                                                                                                                                                                                              
            hashSet.add(null);  
           hashSet.add("1");  
           System.out.println(hashSet);                                                
    }   
}

*Single Choice - Select one correct answer from the options list.*

[null,1,1]

[1,1]

[1]

[1,null,null]

**Q66**

Select the true statements about serialization.

*Single Choice - Select one correct answer from the options list.*

Serialization is a mechanism of saving the state of an object into a file

To persist an object to a file, the object Class properties needs an transient keyword

Serialization is the process of reconstructing the object from the deserialized state

All of the Above

**Q67**

Which of the below statements are correct?  
  
1. Static variable live basically as long as their class lives.  
2. Instance Variables live as long as their object lives   
3. Local variables live as long as their method is on stack ,however ,if their method invokes   
another method, ,they are temporarily unavailable.  
4. Block variables (in a for loop or if stmt ) live until the block completes.

*Single Choice - Select one correct answer from the options list.*

only 1

only 1 and 2

All are correct

1,2,3

**Q68**

Which is the base class of both checked and unchecked exceptions?

*Single Choice - Select one correct answer from the options list.*

java.lang.Error

java.lang.Exception

java.lang.RuntimeException

java.lang.Throwable

java.lang.System

**Q69**

Which of the following annotation allows to run the same test with different data?

*Single Choice - Select one correct answer from the options list.*

Annotate class with @RunWith(Parame.class)

Annotate class with @RunWith(Parameterized.class)

Annotate class with @RunWith(Parameter.class)

Annotate class with @RunWith(MultipleParam.class)

**Q70**

Which of the following are true?

*Single Choice - Select one correct answer from the options list.*

The InputStream and OutputStream classes are Obejct-oriented

The ObjectInputStream and ObjectOutputStream do not support serialized object input and output

The Reader and Writer classes are character-oriented

The Reader and Writer classes are the preferred solution to serialized object output

**Q71**

Consider the following code which is used to print a list of integers stored in "numbers" list.   
  
numbers.forEach((Integer value) -> System.out.println(value));  
  
Which one of the following built-in interface referenced by above lambda expression?

*Single Choice - Select one correct answer from the options list.*

Function<Integer>

Consumer<Integer>

Supplier<Integer>

Predicate<Integer>

**Q72**

Which method is used to get current thread name?

*Single Choice - Select one correct answer from the options list.*

Thread.currentThread().getName();

getThread().getName();

Thread.getName()

none of the above

**Q73**

What will be the output of the program?  
  
public class Foo   
{    
    public static void main(String[] args)   
    {  
        try   
        {   
            return;   
        }   
        finally   
        {  
            System.out.println( "Finally" );   
        }   
    }   
}

*Single Choice - Select one correct answer from the options list.*

Finally

Compilation fails

The code runs with no output

An exception is thrown at runtime

**Q74**

Which of the following is an checked Exception in JAVA?

*Single Choice - Select one correct answer from the options list.*

ClassCastException

SQLException

NullPointerException

ArrayIndexOutOfBoundsException

**Q75**

public class Test {  
   public static void main(String[] args)  
   {   String name=new String("aravind");  
  
  int position=name.replace('a', '\*').substring(2,4).indexOf('i');  
  System.out.println(position);  
   }   
}//end of class  
  
What will be the output?

*Single Choice - Select one correct answer from the options list.*

2

4

0

-1

**Q76**

Given the following class, which statements can be inserted at line (1) will cause   
the compilation error?  
  
public class Test {  
int a;  
int b = 0;  
static int c;  
public void m()   
{  
int d;  
int e = 0;  
// (1) INSERT CODE HERE.  
}  
}

*Single Choice - Select one correct answer from the options list.*

a++

b++

c++

d++

**Q77**

class Alpha {   
public static void main(String[] args)   
{   
try {   
int x = args[0]/args[1];  
} catch (NullPointerException nullEx)   
{   
System.out.print("x");   
} catch (Exception ex)   
{ System.out.print("y");   
} finally {   
System.out.print("z");   
} } }   
  
What would be the output of above code fragment if the program executed on   
command line as "java Alpha ten 0"?

*Single Choice - Select one correct answer from the options list.*

x z

Compilation error due to incompitable types used for calculation

An exception is thrown at runtime

yz

**Q78**

Which statements creates an ArrayList of Strings with an initial capacity of 20?

*Single Choice - Select one correct answer from the options list.*

ArrayList<String> names = new ArrayList<>( );

ArrayList<String> names = new ArrayList<Object>(20);

ArrayList<String> names = new ArrayList<String>( );

ArrayList<String> names = new ArrayList<String>(20);

**Q79**

Which classes are used for Serialization process?

*Single Choice - Select one correct answer from the options list.*

ObjectInputStream & ObjectOutputStream

ObjectIOStream & IOStream

InputStream & OutputStream

BufferedInputStream , FileOutputStream & ObjectOutputStream

**Q80**

How will you test a piece of code to check that an exception is thrown correctly using junit 4 annotations?

*Single Choice - Select one correct answer from the options list.*

Use @Exception annotation and specify the type of exception that should be thrown for the method   
to test for expected exceptions

Use expected parameter of @Exception annotation within the try -catch block within the test method   
to test the exception that should be thrown

Use @Exception annotation in the test method to test the exception that shoule be thrown

Use expected parameter in @Test annotation of the test method to test the exception that should be thrown

**Q81**

public class StreamDemo {  
  
public static void main(String[] args)   
{  
   Stream<String>str = Stream.of("Hollow","wow","Welcome","wow","world");  
    str.filter((ref)->ref.contains("w")).distinct().forEach((strr)->System.out.println(strr));  
     
}  
}  
What is the output of above code?

*Single Choice - Select one correct answer from the options list.*

Hollow  
wow  
wow  
Welcome  
world

Hollow  
wow  
Welcome  
world

Hollow  
wow  
world

Hollow  
wow  
wow  
world

**Q82**

List<String> list = new ArrayList<>();  //Line 1  
list.add("Hello");  
list.add("World");  
Consumer<List<String>> consumer = Collections ::reverse; //Line 2  
consumer.accept(list);      
System.out.println(list);  
  
Refer to the above code snippet; what will be the output in console?

*Single Choice - Select one correct answer from the options list.*

Display [World, Hello] in console

Display [Hello, World] in console

Compilation error at Line number 1, as generics not specified

Compilation error at Line number 2, as reverse method returns does not return void

**Q83**

Consider the given code:  
  
List<Integer>  listInt = Arrays.asList(10,20,30,40,50,60);  
System.out.println(listInt.stream().reduce((prev,current)->prev + current));  
  
Select the correct output ?

*Single Choice - Select one correct answer from the options list.*

Optional[210]

Optional[30]

Optional[110]

210

**Q84**

Given:  
  
interface Horse   
    {   
         public void nicker();   
    }  
  
Which will give compilation error?

*Single Choice - Select one correct answer from the options list.*

public class Eyra implements Horse { public void nicker()  
{  
}  
}

public class Eyra implements Horse  
{  
   public void nicker (int x)  
  { }  
}

public class Eyra implements Horse {  
public void nicker()  
{ System.out.println("huhuhuhuh..."); }  
}

public abstract class Eyra implements Horse {  
public void nicker(int loud)  
{ }  
}

**Q85**

FileReader f=new FileReader("demo");  
  
Which exception must be caught for above statement?

*Single Choice - Select one correct answer from the options list.*

RunTimeException

FileNotFoundException

EOFException

InterruptedException

No Exception

**Q86**

What is the output of Below code ?  
DateTimeFormatter formatter= DateTimeFormatter.ofPattern("dd-MMM-yyyy E");  
  String printDate =LocalDate.parse("2015-08-11").format(formatter);  
  System.out.println(printDate);   
  
Assume that 11-08-2011 is on Tuesday.

*Single Choice - Select one correct answer from the options list.*

2015-08-2011 Tue

08-Aug-2015 Tuesday

08-August-2015

Will throw exception for invalid date format.

**Q87**

What will be the output of the following code fragment?  
  
HashMap map = new HashMap();  
  map.put("obj1", null);  
  map.put("obj2", null);  
  map.put(null, null);  
  map.put("obj3", "obj3");  
  System.out.println(map.size());

*Single Choice - Select one correct answer from the options list.*

3

1

4

2

**Q88**

Which of the following is true regarding Class Loader?  
  
a. check Java programs have been compiled correctly  
b. prevents a class that is loaded off the network from pretending to be one of the standard   
    built-in classes or from servers  
c.the byte code will not access private data when they should not  
d. implements security for the VM

*Single Choice - Select one correct answer from the options list.*

option a

option a & b

option b

option c & d

**Q89**

Which of the interface is used by TreeSet class for sorting objects?

*Single Choice - Select one correct answer from the options list.*

SortedSet

SortedMap

Comparable

None

**Q90**

Which identifiers, when inserted in appropriate places in the program, will result  
in the output 911?  
Collection<\_\_\_\_\_a\_\_\_> myItems = new ArrayList<\_\_\_\_\_\_b\_\_\_\_>();  
myItems.add(9); myItems.add(1); myItems.add(1);  
Iterator<\_\_\_\_c\_\_\_\_\_> iterator = \_\_\_\_\_\_\_\_d\_\_\_\_\_.iterator();  
while (\_\_\_\_e\_\_\_\_\_\_\_\_\_\_.\_\_\_\_f\_\_\_\_\_\_\_())   
{  
System.out.print(\_\_\_\_\_\_\_g\_\_\_\_\_\_.\_\_\_\_h\_\_\_\_\_());  
}

*Single Choice - Select one correct answer from the options list.*

a.String  
b.String  
c.Integer  
d.myItems  
e.Iterator.next  
f. Iterator.nextInt

a.Integer  
b.Integer  
c.Integer  
d.myItems  
e.Iterator.hasNext  
f. Iterator.next

a.Integer  
b.Integer  
c.Integer  
d.myItems  
e.Iterator.next  
f. Iterator.nextElement

a.int  
b.int  
c.int  
d.myItems  
e.Iterator.hasNext  
f. Iterator.next

**Q91**

Which of the following are true?  

*Single Choice - Select one correct answer from the options list.*

The InputStream and OutputStream classes are byte-oriented

The ObjectInputStream and ObjectOutputStream   
do not support serialized object input and output

The Reader and Writer classes are Object-oriented

The Reader and Writer classes are the preferred solution to   
serialized object output

**Q92**

public class TestDemo   
{  
 @Ignore @Test(expected = ClassCastException.class)  
 public void testGetLastName()  
{ }  
 @Ignore @Test  
 public void getFirstName()   
{ }  
}  
  
Consider the above java code snippet. How many test cases will execute?

*Single Choice - Select one correct answer from the options list.*

3

2

1

0

**Q93**

Path file = Paths.get("D:/demo.txt");  
  List<String> lines = Files.readAllLines(file);  
  for(String line:lines)  
 {  
   System.out.println(line);  
  }  
  System.out.println("End of File....");   
  
What will be the output of above code, if the file is empty?

*Single Choice - Select one correct answer from the options list.*

IOException

null

no output

End of File....

**Q94**

Examine the content of EMPLOYEE table:  
  
  
  
Identify the query to display list of employee details(ename, sal and job)   
who are earning salary higher than all the minimum salaries based on each job.

*Single Choice - Select one correct answer from the options list.*

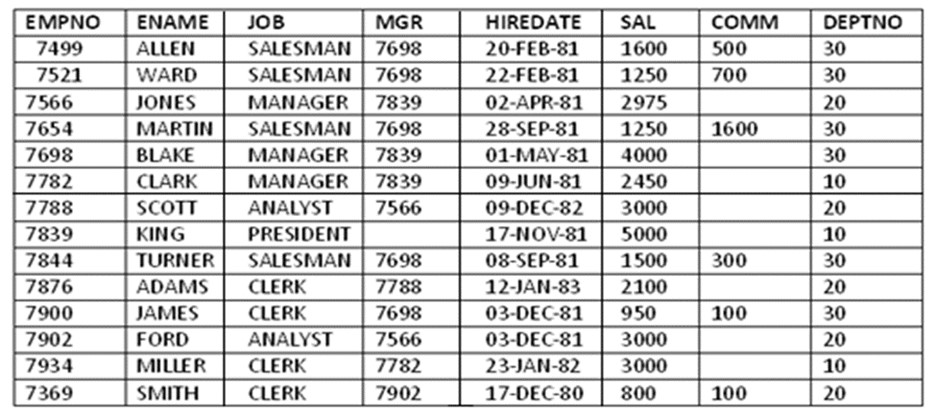
SELECT ename,sal,job FROM employee WHERE sal>  
(SELECT min(sal) FROM employee GROUP BY job);

SELECT ename,sal,job FROM employee WHERE sal>ANY  
(SELECT min(sal) FROM employee GROUP BY job);

SELECT ename,sal,job FROM employee WHERE sal>ALL  
(SELECT min(sal) FROM employee);

SELECT ename,sal,job FROM employee WHERE sal>ALL  
(SELECT min(sal) FROM employee GROUP BY job);

**Q95**

Examine the content of EMPLOYEE table:  
  
  
  
Identify the query to display   
hiredate and number of employees joined in that date in   
a given department number. Also order the details based on hiredate.

*Single Choice - Select one correct answer from the options list.*

SELECT hiredate,COUNT(\*) FROM employee GROUP BY hiredate ORDER BY 1

SELECT hiredate,COUNT(\*) FROM employee WHERE deptno=20 GROUP BY hiredate ORDER BY 1;

SELECT hiredate,COUNT(\*) FROM employee WHERE deptno=20 GROUP BY hiredate ORDER BY 0;

SELECT hiredate,COUNT(\*) FROM employee GROUP BY hiredate ORDER BY 1 WHERE deptno=20;

**Q96**

Which statement(s) is/are true about Procedures?  
  
i. Parameter with IN mode is used to pass values to the procedure.  
ii. Parameter with OUT mode is used to return values to the caller.  
iii. Parameter with IN OUT mode is used to pass initial values to the procedure and   
return updated values to the caller.  
iv. Formal parameter should be assigned a value, if parameter mode is IN OUT.

*Single Choice - Select one correct answer from the options list.*

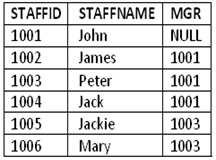
Statement i and ii are true

Statement ii and iii are true

Statement iii and iv are true

All the statements are true

**Q97**

Examine the contents of STAFF table as shown below:  
  
  
  
  
  
  
  
Which of the following statements will be used to identify the staff details who are working as a manager?

*Single Choice - Select one correct answer from the options list.*

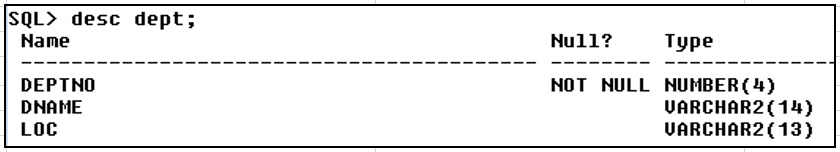
SELECT staffid, staffNAME FROM staff outerr  
WHERE staffid IN (SELECT staffid  
FROM staff innerr WHERE innerr.MGR = outerr.staffid)

SELECT staffid, staffNAME FROM staff outerr  
WHERE staffid =ALL (SELECT staffid  
FROM staff innerr WHERE innerr.MGR = outerr.staffid)

SELECT staffid, staffNAME FROM staff outerr  
WHERE EXISTS (SELECT staffid  
FROM staff innerr WHERE innerr.MGR = outerr.staffid)

SELECT staffid, staffNAME FROM staff outerr  
WHERE staffid =ANY (SELECT staffid  
FROM staff innerr WHERE innerr.MGR = outerr.staffid)

**Q98**

Examine the structure of dept table:  
  
A developer had created department\_master table with the similar structure of dept table   
using the below query:  
  
CREATE TABLE department\_master AS SELECT \* FROM dept WHERE 1=2;  
  
Identify the query to copy all records from dept table and insert the same into   
department\_master table.

*Single Choice - Select one correct answer from the options list.*

INSERT INTO department\_master SELECT \* FROM dept;

INSERT INTO department\_master VALUES SELECT \* FROM dept;

INSERT INTO department\_master VALUES AS SELECT \* FROM dept;

Copying of records from one table and inserting to another table is impossible.

**Q99**

Identify the correct statements to delete all information of employees belonging to department 20.

*Single Choice - Select one correct answer from the options list.*

SQL>DELETE \*   
FROM Emp  
WHERE deptno = 20;

SQL>TRUNCATE TABLE Emp  
WHERE deptno=20;

SQL>DELETE EMP  
WHERE deptno = 20;

SQL>DELETE  
FROM Emp  
WHERE deptno :=20;

**Q100**

Which of the following can be used to select HTML elements based on value of their name attributes?

*Single Choice - Select one correct answer from the options list.*

getElementByName()

getElementsByName()

getElementById()

getElement()