

						H	I	J
						Option/ Answer 1	Option/ Answer 2	Option/ Answer 3
1	Java - Core	Skill	SubSK	Top	Q text	super	constant	class
2	Single Inheritance	BEGINNER	JEE - 2018	Java	To prevent inheritance of a class, which of the following keyword can be used?	private	protected	
3	Single Inheritance	Experienced	JEE - 2018	Java	Core Which of the most restrictive access will make sure that subclasses in any package can access members of a superclass?  abstract public class Rectangle { abstract void addRectangle(); }  class ConsumableRectangle extends Rectangle{ public void addRectangle() { // add Rectangles } }	code will compile without any errors.	Gives compilation error, because abstract class by default will have abstract methods only, so methods in the abstract class should not be declared as abstract.	Gives compilation errors because ConsumableRectangle must also be declared as abstract.
4	Single Inheritance	Coding	JEE - 2018	Java	Core Pickup the valid statement about the above Java code. Consider the following Java Code snippet. The code does not have any compilation error.  .....			

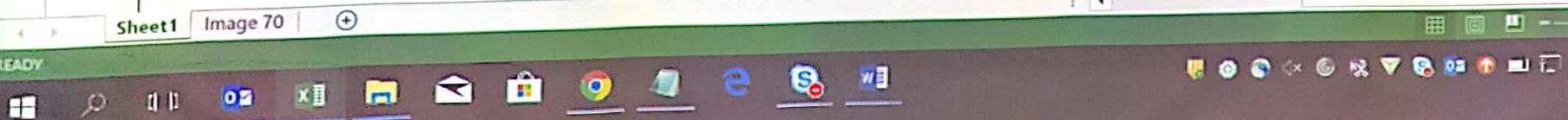
Sheet1 | Image 70 | +



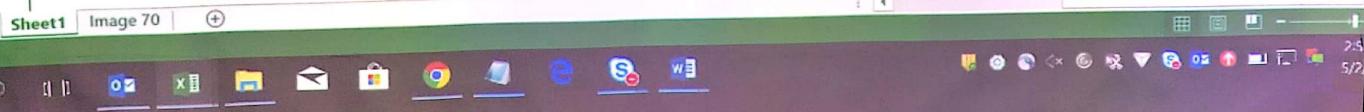
		H	JJ	KK
G3	Which of the most restrictive access will make sure that subclasses in any package can	Option/Answer 1	Option/Answer 2	Option/Answer 3
1	prevent inheritance of a class, which of the following word can be used?	super	constant	final
2	which of the most restrictive access will make sure that classes in any package can access members of a superclass?	public	private	protected
3	abstract public class Rectangle { abstract void addRectangle();  class ConsumableRectangle extends Rectangle{ void addRectangle();  addRectangles(); }	code will compile without any errors.	Gives compilation error, because abstract class by default will have abstract methods only, so methods in the abstract class should not be declared as abstract.	Gives compilation errors, because ConsumableRectangle must also be declared as abstract. None of the above



1	Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3
2	Core	To prevent inheritance of a class, which of the following keyword can be used?	super	constant	class
3	Core	Which of the most restrictive access will make sure that subclasses in any package can access members of a superclass?	public	private	protected
	Core	<pre>abstract public class Rectangle {     abstract void addRectangle(); }  class ConsumableRectangle extends Rectangle{     public void addRectangle() +      {         // add Rectangles     } }</pre>	code will compile without any errors.	Gives compilation error, because abstract class by default will have abstract methods only, so methods in the abstract class should not be declared as abstract.	Gives compilation errors because ConsumableRectangle must also be declared as abstract.

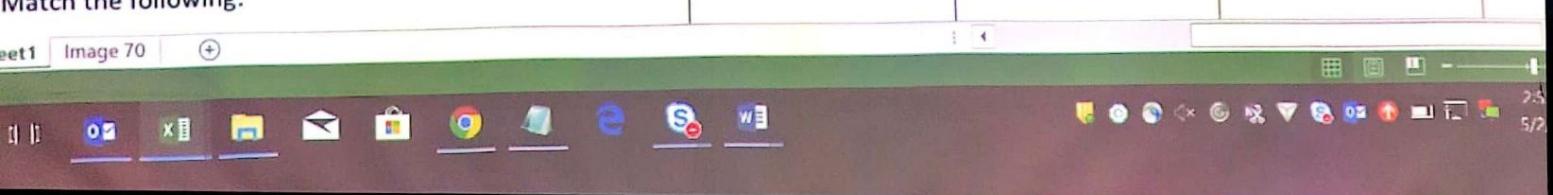


L1 JEE Test - 75Qs - Set 1 - Excel				
Q text	H	I	J	K
G	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option
To prevent inheritance of a class, which of the following keyword can be used?	super	constant	class	final
Which of the most restrictive access will make sure that subclasses in any package can access members of a superclass?	public	private	protected	transient
abstract public class Rectangle { abstract void addRectangle(); }  class ConsumableRectangle extends Rectangle{ public void addRectangle() { // add Rectangles }}	code will compile without any errors.	Gives compilation error, because abstract class by default will have abstract methods only, so methods in the abstract class should not be declared as abstract.	Gives compilation errors because ConsumableRectangle must also be declared as abstract.	None

Q text				
G	H	I	J	K
<pre>abstract public class Rectangle { abstract void addRectangle(); }  class ConsumableRectangle extends Rectangle{ public void addRectangle() { // add Rectangles } }</pre>	<p>Option/ Answer 1</p> <p>code will compile without any errors.</p>	<p>Option/ Answer 2</p> <p>Gives compilation error, because abstract class by default will have abstract methods only, so methods in the abstract class should not be declared as abstract.</p>	<p>Option/ Answer 3</p> <p>Gives compilation errors because ConsumableRectangle must also be declared as abstract.</p>	<p>None of the above</p>
<p>Pickup the valid statement about the above Java code.</p> <p>Consider the following Java Code snippet. The code does not have any compilation error.</p>				
<p>Sheet1   Image 70   +</p> 				

L1 JEE Test - 75Qs - Set 1				
Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option/ Answer 4
<p>Consider the following Java Code snippet. The code does not have any compilation error.</p> <pre> TreeSet tree = new TreeSet(); tree.add("one"); tree.add("two"); tree.add("three"); tree.add("four"); tree.add("two"); Iterator it = tree.iterator(); while (it.hasNext()) {     System.out.print( it.next() + " " ); } </pre>	one two three four	four three two one	four one three two	one two three

Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option
What is the output of this program?  import java.util.*; class Maps { public static void main(String args[]) { TreeMap obj = new TreeMap(); obj.put("AB", new Integer(1)); obj.put("ACB", new Integer(2)); obj.put("ABC", new Integer(3)); System.out.println(obj.entrySet()); } }	[AB, ACB, ABC]	[1, 2, 3]	{AB=1, ABC=2, ACB=3}	[AB=1, ABC=2, ACB=3]
What type of set would you use,if you wanted it ordered?	HashSet	LinkedHashSet	TreeSet	None
Match the following:				



Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option/ Answer 4
Util & Collections	What type of set would you use, if you wanted it ordered?	HashSet	LinkedHashSet	TreeSet	None of the above
Util & Collections	<p>Match the following:</p> <p>i. TreeSet ii. HashSet iii. HashMap iv. Hashtable</p> <p>a. Unordered, unsorted, unique collection of objects. b. sorted and unique collection of objects c. Collection of key value pair, where keys are unique, unsorted and unordered. d. Collection of key value pair, where keys are unique, unsorted and unordered.</p>	<p>i-b ii-a iii-d iv-c</p>	<p>i-a ii-b iii-d iv-c</p>	<p>i-b ii-a iii-c iv-d</p>	<p>i-b ii-d iii-a iv-c</p>

**Match the following:**

- |  |   |       |       |       |       |
|--|---|-------|-------|-------|-------|
| Util & Collections   | i. TreeSet  | i-b   | i-a   | i-b   | i-b   |
|  | ii. HashSet   | ii-a  | ii-b  | ii-a  | ii-d  |
|  | iii. HashMap  | iii-d | iii-d | iii-c | iii-a |
|  | iv. Hashtable   | iv-c  | iv-c  | iv-d  | iv-c  |
|  | a. Unordered, unsorted, unique collection of objects. |       |       |       |       |
| b. sorted and unique collection of objects   |   |       |       |       |       |
| c. Collection of key value pair, where keys are unique,unsorted and unordered.  |   |       |       |       |       |
| d. Collection of key value pair, where keys are unique,unsorted and unordered.   |   |       |       |       |       |
| One null key is allowed  |   |       |       |       |       |

Neha wants to read the bytes from file. Suggest the appropriate stream for her.

i-b  
ii-a  
iii-d  
iv-c

i-a  
ii-b  
iii-d  
iv-c

i-b  
ii-a  
iii-c  
iv-d

i-b  
ii-d  
iii-a  
iv-c

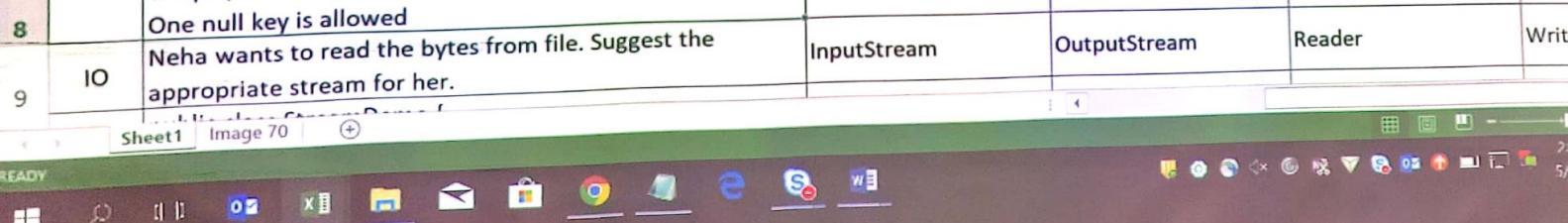
InputStream

OutputStream

Reader

Writer

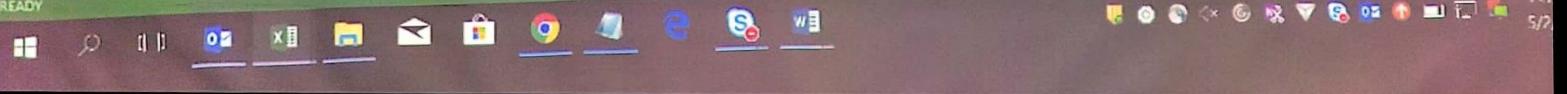
Sheet1 Image 70 



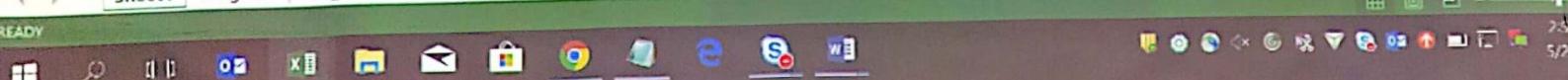
1	Topic	Q text	Options/Answers		
8	Util & Collections	<p>Match the following:</p> <p>i. TreeSet ii. HashSet iii. HashMap iv. Hashtable</p> <p>a. Unordered, unsorted, unique collection of objects. b. sorted and unique collection of objects c. Collection of key value pair, where keys are unique,unsorted and unordered. d. Collection of key value pair, where keys are unique,unsorted and unordered.</p> <p>One null key is allowed</p>	<p>i-b ii-a iii-d iv-c</p>	<p>i-a ii-b iii-d iv-c</p>	<p>i-b ii-a iii-c iv-d</p>
9	IO	Neha wants to read the bytes from file. Suggest the appropriate stream for her.	InputStream	OutputStream	Reader
					Writer

Sheet1 Image 70

2/2



	IO	Neha wants to read the bytes from file. Suggest the appropriate stream for her.	InputStream	OutputStream	Reader	Writer
9	Stream API	<pre>public class StreamDemo {      public static void main(String[] args) {         Stream&lt;String&gt;str = Stream.of("Hello","Hi","Welcome");         str.filter((ref)-&gt;ref.contains("I")).distinct().forEach((strr)-&gt;System.out.println(strr));     } }</pre>	Hello Welcome	Hello Hi Welcome	Hello Hi	Hi Welco
10	Lambd	<p>What is the output of above code? +</p> <pre>public class StreamDemo {      public static void main(String[] args) {         BiFunction&lt;String, String, String&gt;fun = (str1, str2) -&gt;             str1 + str2;         fun.apply("Hello", "World");     } }</pre>				



		Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option/ Answer 4
510 1	TopI Stream API	<pre>public class StreamDemo {     public static void main(String[] args) {         Stream&lt;String&gt;str = Stream.of("Hello", "Hi", "Welcome");         str.filter((ref)-&gt;ref.contains("l")).distinct().forEach((stt)-&gt;System.out.println(stt));     } }</pre> <p>What is the output of above code?</p>	Hello Welcome	Hello Hi Welcome	Hello Hi	Hi Welcome
10	Lambda Express	<pre>public class StreamDemo {     public static void main(String[] args) {         BiFunction&lt;String, String, String&gt;fun = (str1,str2)-&gt;str1+str2;         String result=null;     } }</pre>	1020	30	compilation error	Exception

Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option/ Answer 4
Lambda Expressions	<pre>public class StreamDemo {     public static void main(String[] args) {         BiFunction&lt;String, String, String&gt; fun = (str1, str2) -&gt; str1 + str2;         String result = null;         result = fun.apply("10", "20");         System.out.println(result);     } }</pre> <p>What will be the output of above code?</p> <pre>public class JDBCdemo {     public static void main(String[] args) { </pre>	1020	30	compilation error	Exception

```

public class JDBCdemo {

public static void main(String[] args) {
try {
Class.forName("oracle.jdbc.driver.OracleDriver");
Connection con =
DriverManager.getConnection("jdbc:oracle:thin:@localhost
:1521:XE","system","sys");
Statement stmt = con.createStatement();
ResultSet rs = stmt.executeQuery("SELECT * FROM Emp");
rs.next();+
while(rs.next())
{
System.out.println(rs.getInt(1));
System.out.println(rs.getString(2));
}
}

```

It will print records,from second row onwards

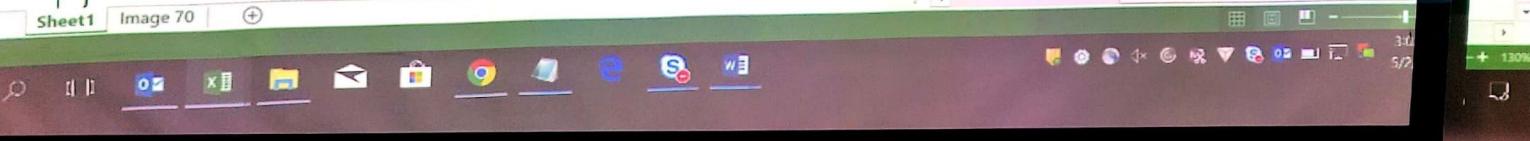
No output

It will throw SQLException as rs.next() is called twice

it will print all

JDBC

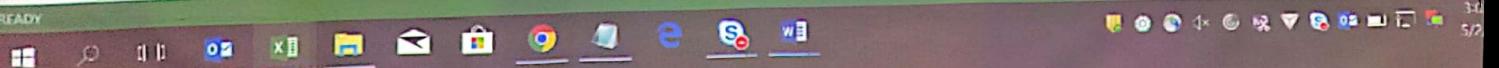
Sheet1 | Image 70 | +



Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option/ Answer 4
JDBC	<pre> 1521:XE","system","sys"); Statement stmt = con.createStatement(); ResultSet rs = stmt.executeQuery("SELECT * FROM Emp"); rs.next(); while(rs.next()) {     System.out.println(rs.getInt(1));     System.out.println(rs.getString(2)); } } catch (ClassNotFoundException e) {     e.printStackTrace(); } catch (SQLException e) {     e.printStackTrace(); } } } </pre>	It will print records,from second row onwards	No output	It will throw SQLException as rs.next() is called twice	it will

	JDBC	Which of the following driver needs middle ware installation?	JDBC-ODBC bridge driver	Native-API driver	Network Protocol driver	Thin driver
13	JDBC	Priya is working on shopping application, where customer's data need to be persisted. Help Priya to select most appropriate layer to implement this logic.				
14	JDBC		Presentation Layer	Service Layer	Data Access Object Layer	Data Transfer Layer
	Exceptions	<pre>class Beta {     public static void main(String[] args) {         try {             int x = 5/0;         } catch (NullPointerException nullEx) {             System.out.print("x");         }         finally {             System.out.print("z");         }     } }</pre>	x z	x	z followed by an ArithmeticException	prints nothing

Sheet1 | Image 70 | +



	F	G	H	I	J	K
1	Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option
13	JDBC	Which of the following driver needs middle ware installation?	JDBC-ODBC bridge driver	Native-API driver	Network Protocol driver	Thin driver
14	JDBC	Priya is working on shopping application, where customer's data need to be persisted. Help Priya to select most appropriate layer to implement this logic.	Presentation Layer	Service Layer	Data Access Object Layer	Data Transfer Layer
	Exceptions	<pre>class Beta { public static void main(String[] args) { try { int x = 5/0; } catch (NullPointerException nullEx) { System.out.print("x"); } finally { System.out.print("z"); }}}</pre>	x z	x	z followed by an ArithmeticException	print's something screen

		H	I	J	K
	G	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option/ Answer 4
1	Topic - Q text				
Exceptions	<pre>class Beta {     public static void main(String[] args) {         try {             int x = 5/0;         } catch (NullPointerException nullEx) {             System.out.print("x");         }         finally {             System.out.print("z");         }     } }</pre> <p>What would be the output of above code fragment?</p>	x z	x	z followed by an ArithmeticException	prints screen
Exceptions	Which of the given statement is true about Checked Exceptions?	They are checked by compiler at the time of compilation	They represent exceptions that are frequently considered as "non-fatal" to ..	IOException, SQLException are checked Exception	All of the above

Which of the given statement is true about Checked Exceptions?						
		Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option/ Answer 4	Option/ Answer 5
1	Topic - Exceptions	Q text Which of the given statement is true about Checked Exceptions?	They are checked by compiler at the time of compilation	They represent exceptions that are frequently considered as "non-fatal" to program execution	IOException, SQLException are checked Exception	All of the above
16	Multithreading	class MyThread implements Runnable{ public void run() { } } public class ThreadDemo { public static void main(String []args){ Thread thread = new Thread(new MyThread()); //line 1 }}	thread.run()	thread.join()	thread.join(100)	thread.start()

1	Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option/ Answer 4
17	Multithreading	<pre>class MyThread implements Runnable{ public void run() {} } public class ThreadDemo { public static void main(String[] args){ Thread thread = new Thread(new MyThread()); //line 1 }}</pre> <p>Which of the given call, when inserted at line 1 will cause the thread to begin the execution?</p>	thread.run()	thread.join()	thread.join(100)	thread.start()
		<pre>public class Calculator { public int add(int num1,int num2) {</pre>				

Clipboard	F	G	H	I	J	K
1	Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option
JUNIT		<pre>public class Calculator {     public int add(int num1,int num2)     {         return num1+num2;     }     public int div(int num,int den)     {         return num/den;}}     public class CalculatorTest {         Calculator ref;         @Before         public void init()         {             ref = new Calculator();}         @Ignore         @Test         public void testAdd()</pre>	java.lang.AssertionError for both the test methods	java.lang.AssertionError for test method div	java.lang.AssertionError for test method add	Both the test cases will execute successfully
		Sheet1   Image 70   +				

JUNIT	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option
<pre>public class CalculatorTest {     Calculator ref;     @Before     public void init()     {         ref = new Calculator();     }     @Ignore     @Test     public void testAdd()     {         assertEquals(0,ref.add(3, 4));     }     @Test(expected=ArithmaticException.class)     public void testDiv()     {         ref.div(5, 2);     } }</pre>	java.lang.AssertionError for both the test methods	java.lang.AssertionError for test method div	java.lang.AssertionError for test method add	Both will e

	F	G	H	I	J	K
1	Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option
19	Log4J	There are five priority levels given. Evaluate which of the following statements are true in ascending order of priority levels?	DEBUG, INFO, ERROR, WARN, and FATAL	DEBUG, INFO, WARN, ERROR and FATAL	INFO, DEBUG, ERROR, WARN and FATAL	DEBUG, AR ERROR and F
	Request & Response Object	Which of the given code is correct to fetch username in the UserServlet?  <html><body> <form name="test" action="/myservlet/UserServlet" method="POST"> <input type="text" name="username"> <input type="submit" name="submit"> </form> </body></html>	public void doPost(HttpServletRequest req, HttpServletResponse res)throws ServletException,IOExc ption { String username = res.getParameter("use rname"); }	public void doPost(HttpServletRequest uest req, HttpServletResponse est res)throws ServletException,IOExc ption { String username = req.getParameter("use rname"); }	public void doPost(HttpServletRequest uest req, HttpServletResponse est res)throws ServletException,IOExc ption { String username = res.getInitParameter("" username"); }	public doPost( uest req, HttpSe tRe: es)th Servle epti { String ernan req.ge usern });

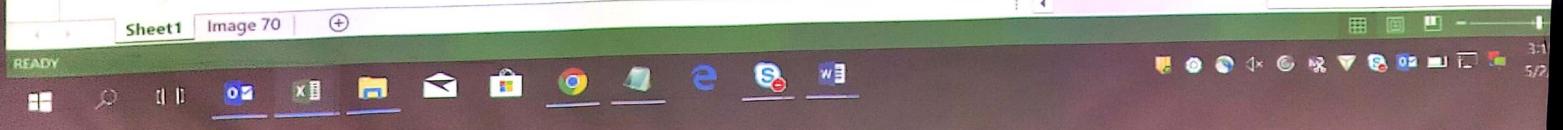
F	G	H	I	J	K
Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option
Request & Response Object	<p>Which of the given code is correct to fetch username in the UserServlet?</p> <pre>&lt;html&gt;&lt;body&gt; &lt;form name="test" action="/myservlet/UserServlet" method="POST"&gt; &lt;input type="text" name="username"&gt; &lt;input type="submit" name="submit"&gt; &lt;/form&gt; &lt;/body&gt;&lt;/html&gt;</pre>	<pre>public void doPost(HttpServletRequest req, HttpServletResponse res)throws ServletException,IOException { String username = req.getParameter("use rname"); }</pre>	<pre>public void doPost(HttpServletRequest req, HttpServletResponse res)throws ServletException,IOException { String username = req.getParameter("use rname"); }</pre>	<pre>public void doPost(HttpServletRequest req, HttpServletResponse res)throws ServletException,IOException { String username = req.getInitParameter("u sername"); }</pre>	<pre>public void doPost(HttpServletRequest req, HttpServletResponse res)throws ServletException,IOException { String username = req.getParameter("u sername"); }</pre>
20		doGet(HttpServletRequest request,	doPost(HttpServletRequest request,	doGet(HttpServletRequest request,	doGe

Client types the URL:				
	H	I	J	K
1	<b>Q text</b> <p>Client types the URL:  <a href="http://www.infoserver.com/servlet/InfoServlet?name=fred">http://www.infoserver.com/servlet/InfoServlet?name=fred</a></p> <p>In a Servlet, the value of name can be obtained by:</p>	<b>Option/ Answer 1</b> <pre>doGet(HttpServletRequest request, HttpServletResponse response) {     String name = request.getParameter("name");     ... }</pre>	<b>Option/ Answer 2</b> <pre>doPost(HttpServletRequest request, HttpServletResponse response) {     String name = request.getParameter("name");     ... }</pre>	<b>Option/ Answer 3</b> <pre>doGet(HttpServletRequest request, HttpServletResponse response) {     String name = request.getInitParameter("name");     ... }</pre>
21	Which response header specifies how soon the browser should ask for an updated page?	Expires	Last-Modified	Location Refresh
22				

L1 JEE Test - 75Qs - Set 1

Option/ Answer 1					Option/ Answer 2	Option/ Answer 3	Option/ Answer 4
Q text	Expires	Last-Modified	Location	Refresh			
22 Which response header specifies how soon the browser should ask for an updated page?							
23 What happens when the below code is executed for the first time and the session doesn't exist before?  HttpSession session = request.getSession(true); session.setAttribute("name", "Kavita");	This will create a new session and name will be set to Kavita	It will throw illegalStateException	It will generate compilation error	None of the above			
24 Identify the true statement regarding cookies in session management:	Cookies can not be disabled by client	Cookies can be stored in client machine using HttpServletRequest object	Cookies can be retrieved using HttpServletRequest object	there is no limit to cookie size	Programmer can get		Hidden form

	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option/ Answer 4
22	Which response header specifies how soon the browser should ask for an updated page?	Expires	Last-Modified	Location	Refresh
23	What happens when the below code is executed for the first time and the session doesn't exist before?  HttpSession session = request.getSession(true); session.setAttribute("name","Kavita");	This will create a new session and name will be set to Kavita	It will throw IllegalStateException	It will generate compilation error	None of the above
24	Identify the true statement regarding cookies in session management:	Cookies can not be disabled by client	Cookies can be stored in client machine using HttpServletRequest object	Cookies can be retrieved using HttpServletRequest object	there is no limit on cookie size
		Programmer can get			Hidden form



Identify the true statement regarding cookies in session management:					
	G	H	I	J	K
1	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option/ Answer 4
23	What happens when the below code is executed for the first time and the session doesn't exist before?  HttpSession session = request.getSession(true); session.setAttribute("name","Kavita");	This will create a new session and name will be set to Kavita	It will throw IllegalStateException	It will generate compilation error	None of the above
24	Identify the true statement regarding cookies in session management:	Cookies can not be disabled by client	Cookies can be stored in client machine using HttpServletRequest object	Cookies can be retrieved using HttpServletRequest object	there is no limit on cookie size
25	Choose the incorrect statement about session management:	Programmer can get the session object using HttpServletRequest object	Sessions consume server resources.	The user specific details must be stored in session scope	Hidden form parameter is stored on client side to server side.

L1 JEE Test - 75Qs - Set 1

Editing					
	G	H	I	J	K
1	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option/ Answer
24	Identify the true statement regarding cookies in session management:	Cookies can not be disabled by client	Cookies can be stored in client machine using HttpServletRequest object	Cookies can be retrieved using HttpServletRequest object	there is no limit cookie size
25	Choose the incorrect statement about session management:	Programmer can get the session object using HttpServletRequest object	Sessions consume server resources.	The user specific details must be stored in session scope	Hidden form parameter is stored on client side and sent to server side.
26	Which of the given is the correct way to obtain RequestDispatcher?	context.getRequestDispatcher("/pages/index.jsp") - This must always begin only with '/' .	request.getRequestDispatcher("/pages/index.jsp") - This is evaluated as absolute path of the request	request.getRequestDispatcher("/pages/index.jsp") i.e. - This must always begin only with '/' .	context.getRequestDispatcher("/pages/index.jsp") - This is evaluated as relative path
		They simplifies the		Used to include the	

Spring	Intro to Spring FW, IoC	When constructor has multiple arguments, then which of the given below xml configuration is correct for injecting values through constructors? Assume com.cg.pojo.Employee class has two properties empId and empName.	<pre> &lt;beans&gt; &lt;bean id="emp"       class="com.cg.pojo.Employee"&gt;         &lt;constructor-arg&gt;&lt;value&gt;111&lt;/value&gt;&lt;/constructor-arg&gt;         &lt;constructor-arg&gt;&lt;value&gt;Abhay&lt;/value&gt;&lt;/constructor-arg&gt;       &lt;/bean&gt;     &lt;/beans&gt;   </pre>	<pre> &lt;beans&gt; &lt;bean id="emp"       class="com.cg.pojo.Employee"&gt;         &lt;constructor-arg index="0"&gt;&lt;value&gt;111&lt;/value&gt;&lt;/constructor-arg&gt;         &lt;constructor-arg index="1"&gt;&lt;value&gt;Abhay&lt;/value&gt;&lt;/constructor-arg&gt;       &lt;/bean&gt;     &lt;/beans&gt;   </pre>	<pre> &lt;beans&gt; &lt;bean id="emp"       class="com.cg.pojo.Employee"&gt;         &lt;constructor-arg type="int"&gt;&lt;value&gt;111&lt;/value&gt;&lt;/constructor-arg&gt;         &lt;constructor-arg type="String"&gt;&lt;value&gt;Abhay&lt;/value&gt;&lt;/constructor-arg&gt;       &lt;/bean&gt;     &lt;/beans&gt;   </pre>

When constructor has multiple arguments, then which of the given below xml configuration is correct for injecting values through constructors? Assume com.cg.pojo.Employee class has two properties empId and empName.			
	H	I	J
G	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3
	<pre>&lt;beans&gt; &lt;bean id="emp"       class="com.cg.pojo.Employee"&gt;         &lt;constructor-arg&gt;&lt;value&gt;111&lt;/value&gt;&lt;/constructor-arg&gt;         &lt;constructor-arg&gt;&lt;value&gt;Abhay&lt;/value&gt;&lt;/constructor-arg&gt;     &lt;/bean&gt; &lt;/beans&gt;</pre>	<pre>&lt;beans&gt; &lt;bean id="emp"       class="com.cg.pojo.Employee"&gt;         &lt;constructor-arg index="0"&gt;&lt;value&gt;111&lt;/value&gt;&lt;/constructor-arg&gt;         &lt;constructor-arg index="1"&gt;&lt;value&gt;Abhay&lt;/value&gt;&lt;/constructor-arg&gt;     &lt;/bean&gt; &lt;/beans&gt;</pre>	<pre>&lt;beans&gt; &lt;bean id="emp"       class="com.cg.pojo.Employee"&gt;         &lt;constructor-arg type="int"&gt;&lt;value&gt;111&lt;/value&gt;&lt;/constructor-arg&gt;         &lt;constructor-arg type="String"&gt;&lt;value&gt;Abhay&lt;/value&gt;&lt;/constructor-arg&gt;     &lt;/bean&gt; &lt;/beans&gt;</pre>

G	H	I	J
Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3
@Autowired, when used on an attribute, it is by default autowiring by	Type	Name	Constructor
Which of the given annotation declares the reference to resource such as a data Source?	@Service	@Controller	@Resource
Which of the given Spring Module provides integration layers for popular object relational mapping?	Spring Web	Spring JMS	Spring ORM

G	H	I	J
Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3
Which of the given Spring Module provides integration layers for popular object relational mapping?	Spring Web	Spring JMS	Spring ORM
Which of the given statement is true about ClassPathXmlApplicationContext?	Loads a Spring application context from one or more java based configuration classes	Loads context definition from XML file located in class path	Loads context definition from XML file located in the file system
Which of the given configuration userprops is correct in beans.xml?  <property name="userName"	<util:properties id="userprops" location="classpath:user.properties" />	<util:properties name="userprops" location="classpath:user.properties" />	<util:properties ref="userprops" location="classpath:user.properties" />

Q text			
H I J			
Option/ Answer 1 Option/ Answer 2 Option/ Answer 3			
@Repository public class EmployeeRepositoryImpl implements EmployeeRepository { //line 1 private EntityManager entityManager; }  Which annotation should be used at line 1 to configure EntityManager in Repository class?	@Persistence	@Bean	@PersistenceConte
	<web-app> <context-param> <param- name>contextConfigLo	<servlet> <servlet- name>dispatcherServle	

		H		J	
	Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3
MVC FW		<p>index.jsp</p> <pre>&lt;html&gt;&lt;body&gt; Click Here to &lt;a href="user/showLogin.obj"&gt;Login&lt;/a&gt;&lt;br/&gt;&lt;/body&gt;&lt;/html&gt;</pre> <p>Which of the given controller class implementation is correct to map the request after the execution of index.jsp? Note : Bean class name is Login</p>	<pre>@Controller @RequestMapping(value="user") public class UserController {     @RequestMapping(value="/showLogin.obj")     public String     prepareLogin(Model     model)     {         model.addAttribute("l         login",new Login());         return "login";     } }</pre>	<pre>@Controller public class UserController {     @RequestMapping(value="/showLogin.obj")     public String     prepareLogin(Model     model)     {         model.addAttribute("l         login",new Login());         return "login";     } }</pre>	<pre>@Controller @RequestMapping(value="user") public class UserController {     @RequestMapping(value="/showLogin")     public String     prepareLogin(Model     model)     {         model.addAttribute("l         login",new Login());         return "login";     } }</pre>

F	G	H	I	J
Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3
MVC FW	<pre>@Controller public class UserController {     @RequestMapping(value="/checkRegister")     public String     checkRegister(@ModelAttribute("user")@Valid User     user,BindingResult result,Model model)     {     } }</pre> <p>To execute above validation of Model Attribute user successfully, which of the given element must be present in dispatcher-servlet.xml file?</p>	<context:component-scan/>	<mvc:annotation-driven/>	both 1 and 2
MVC FW	Which of the given annotation is used in spring MVC to map web request onto specific handler classes or handler methods?	@Controller	@RequestParam	@RequestMapping

Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3
MVC FW	Which of the given annotation is used in spring MVC to map web request onto specific handler classes or handler methods?	@Controller	@RequestParam	@RequestMapping
MVC FW	Which of the given statement is/are true about ReST?	Is an architectural style of designing loosely coupled Web applications that rely on named resources rather than messages.	Is a lightweight alternative to mechanisms like RPC (Remote Procedure Calls) and Web Services (SOAP)	In a good REST design operations are self-contained, and each request carries with it (transfers) all the information (state) that the service needs in order to complete it.
Query	Which of the given selector is correct to check the div element contains a text Capgemini?	<code>\$('div:contains("Capgemini")')</code>	<code>\$('div:contains("Capgemini")')</code>	<code>\$('div:contains("Capgemini")')</code>
Angular	<div>{{[12,13,14,15][2]}}</div>			

	F	G	H	I	J
Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Op
MVC FW	Which of the given statement is/are true about ReST?	Is an architectural style of designing loosely coupled Web applications that rely on named resources rather than messages.	Is a lightweight alternative to mechanisms like RPC (Remote Procedure Calls) and Web Services (SOAP)	In a good REST design operations are self-contained, and each request carries with (transfers) all the information (state) that the server needs in order to complete it.	All
Query	Which of the given selector is correct to check the div element contains a text Capgemini?	<code>\$('div:contains("Capgemini")')</code>	<code>\$('div:eq("Capgemini")')</code>	<code>\$('div:contain("Capmini")')</code>	nor
Angular JS	<div>{{[12,13,14,15][2]}}</div>	12 13	14	13	12
WebService	What above expression will return?				
	Which of the given annotation is used to specify the MIME type of the response?	@Consumes	@Produces	@PathParam	

F	G	H	I	J
Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3
Web services	Which of the given annotation is used to specify the MIME media types resource can consume?	@Consumes	@Produces	@PathParam
JPA with Hibernate	Which of the given dynamic query is correct to find the products by product name ?	<pre>String qStr = "SELECT product FROM Product product WHERE product.prodName=:name"; TypedQuery&lt;Product&gt; query = entityManager.create Query(qStr,Product.cl ass); query.setParameter("n ame", "HP Laptop");</pre>	<pre>String qStr = "SELECT product FROM Product product WHERE product.prodName=na me"; TypedQuery&lt;Product&gt; query = entityManager.create Query(qStr,Product.cl ass); query.setParameter("n ame", "HP Laptop");</pre>	<pre>String qStr = "SELECT product FROM Product product WHERE product.prodName=na me"; TypedQuery&lt;Product&gt; query = entityManager.create Query(qStr,Product.cl ass); query.setParameter("n ame", "HP Laptop");</pre>

Image 70

JPA with Hibernate

	G	H	I	J
F	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3
	<p>Which of the given dynamic query is correct to find the products by product name ?</p>	<pre>String qStr = "SELECT product FROM Product product WHERE product.prodName=:name"; TypedQuery&lt;Product&gt; query = entityManager.create Query(qStr,Product.cl ss); query.setParameter("n ame", "HP Laptop");</pre>	<pre>String qStr = "SELECT product FROM Product product WHERE product.prodName=na me"; TypedQuery&lt;Product&gt; query = entityManager.create Query(qStr,Product.cl ss); query.setParameter("n ame", "HP Laptop");</pre>	<pre>String qStr = "SELEC product FROM Prod product WHERE product.prodName=: ame"; TypedQuery&lt;Produ query = entityManager.crea Query(qStr,Produ ss); query.setParameter("n ame", "HP Laptop")</pre>

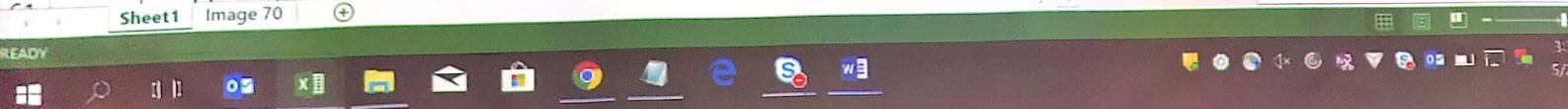
L1 JEE Test - 75Qs - Set 1 - Excel

	Topic	Q text	Option/Answer 1	Option/Answer 2	Option/Answer 3
Life Cycle Models		Match the plans that are prepared in parallel with a corresponding phase of development in V-Model:			
CMP		Which of the given is Nonconfigurable item?	Design Document	Project Plan	Minutes of Meeting
testing		Developer has developed one user defined textbox control to accept only numbers.	Functional Testing	Stress Testing	Volume Testing

	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option/ Answer 4
Which of the given is Nonconfigurable item?	Design Document	Project Plan	Minutes of Meeting	Test Plan
Developer has developed one user defined textbox control which accept only numbers.	Functional Testing	Stress Testing	Volume Testing	Recovery Testing
Now the tester has to perform the testing on this text box. What kind of testing he can perform?				
WIS is a framework of Forms, Checklists, Template, Process procedure.	TRUE	FALSE		
Problem related to a project/product that is currently occurring is called as _____.	Issue	Defect	Product	Risk
Following are the disadvantages of _____.				
A change in one module forces a ripple-effect of changes in other modules.	Loosely Coupled System	Tightly Coupled System	Cohesion	Modularity
A particular module might be harder to reuse and/or test because dependent modules				

Topic		Q text	H	I	J	K	L
		G	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Test Pl	Options
CMP	Which of the given is Nonconfigurable item?	Design Document	Project Plan	Minutes of Meeting			
Testing Phase	Developer has developed one user defined textbox control to accept only numbers. Now the tester has to perform the testing on this text box. What kind of testing he can perform?	Functional Testing	Stress Testing	Volume Testing			Recovered
QMS	QMS is a framework of Forms, Checklists, Template, Process & Procedure.	TRUE	FALSE				Risk
QMS	A problem related to a project/product that is currently occurring is called as _____.	Issue	Defect	Product			
Good Programming Practices	Following are the disadvantages of _____.  1. A change in one module forces a ripple-effect of changes in other modules. 2. A particular module might be harder to reuse and/or test because dependent modules	Loosely Coupled System	Tightly Coupled System	Cohesion			Module

57	CMP	Which of the given is Nonconfigurable item?	Design Document	Project Plan	Minutes of Meeting	Test P
58	Testing Phase	Developer has developed one user defined textbox control to accept only numbers. Now the tester has to perform the testing on this text box. What kind of testing he can perform?	Functional Testing	Stress Testing	Volume Testing	Recover
59	QMS	QMS is a framework of Forms, Checklists, Template, Process & Procedure.	TRUE	FALSE		
60	QMS	A problem related to a project/product that is currently occurring is called as _____.	Issue	Defect	Product	Risk
	Good Programming Practices	Following are the disadvantages of _____.  1. A change in one module forces a ripple-effect of changes in other modules. 2. A particular module might be harder to reuse and/or test because dependent modules	Loosely Coupled System	Tightly Coupled System	Cohesion	Modifi



The screenshot shows a Microsoft Excel spreadsheet titled "L1 JEE Test - 75Qs - Set 1 - Excel". The question is located in cell G64:

Which of the following code snippet is correct to get the following output?

The question is followed by three code snippets labeled "Option/ Answer 1", "Option/ Answer 2", and "Option/ Answer 3".

**Option/ Answer 1:**

```
<table border="2">
<th>Department
Name</th><th>Employ
ee
Name</th><th>Salary</th>
<tr><td
colspan="2">HR</td><
td>Lathika</td><td>55
000</td></tr>
<tr><td>Sandeep</td><
td>32000</td></tr>
<tr><td
colspan="3">Sales</td><
td>Soniac</td><td>4
000</td></tr>
```

**Option/ Answer 2:**

```
<table border="2">
<th>Department
Name</th><th>Employ
ee
Name</th><th>Salary</th>
<tr><td
rowspan="2">HR</td><
td>Lathika</td><td>5
5000</td></tr>
<tr><td>Sandeep</td><
td>32000</td></tr>
<tr><td
rowspan="3">Sales</td><
td>Soniac</td><td>4
000</td></tr>
```

**Option/ Answer 3:**

```
<table border="2">
<th>Department
Name</th><th>Employ
ee
Name</th><th>Salary</th>
<tr><td
rowspan="2">HR</td><
td>Lathika</td><td>5
5000</td></tr>
<tr><td>Sandeep</td><
td>32000</td></tr>
<tr><td
rowspan="3">Sales</td><
td>Soniac</td><td>4
000</td></tr>
```

The "Web Basics - HTML5" tab is selected at the bottom left.

L1 JEE Test - 75Qs - Set 1 - Excel					
		Font	Number	Styles	Cells
G65	F	Topi - Web Basics - CSS3	Q text	Which of the following code snippet will provide color with opacity?	
1	65	JS - Working with document Object	Which of the given statement is true about document.getElementById()?	#p1 {background-color:rgb(255,0,0);}	#p1 {background-color:rgba(255,0,0,0.6)}
66				Returns the element that has the ID attribute with the specified value	Returns a NodeList containing all elements with the specified tag name
				<!DOCTYPE html><html><body><form method="post" action="submit.html">	<!DOCTYPE html><html><body><form method="post" action="submit.html">
				method="post"	method="post"
				action="submit.html"	action="submit.html"

Which of the given statement is true about document.getElementById()?						
F	G	H	I	J	K	L
Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option/ Answer 4	Option/ Answer 5
JS - Working with document Object	Which of the given statement is true about document.getElementById()?	Returns the element that has the ID attribute with the specified value	Returns a NodeList containing all elements with the specified tag name	Returns a NodeList containing all elements with a specified name	Returns a NodeList containing all elements with the specified name	Returns a NodeList containing all elements with the specified name
JS - Forms	Which is the right code to display an user interface which will allow user to upload the file?	<!DOCTYPE html> <html> <body> <form method="post" action="submit.html" enctype="multipart/form-data"> Select a file to upload: </form>				

L1 JEE Test - 75Qs - Set 1 - Excel							
1	Top1	Q text	Refer the structure of Staff table below:	H	Option/ Answer 1	J	
	Single Row/ Group Functions	<Image>	Select the query to display all department code and total strength of the department where strength of department is greater than 30. Use table Staff and Department.	I	Option/ Answer 2	Option/ Answer 3	
70	Joins and Sub queries	<pre>SELECT emp_code,emp_sal FROM Employee_master WHERE emp_sal &gt; (SELECT AVG(emp_sal) FROM Employee_master WHERE dept_code=10);</pre> <p>Which of the given statement is true about above query?</p>	It will display employee details who earn salary greater than any average salary earned in all dept.	H	<pre>SELECT dept_code, COUNT(*) FROM Staff GROUP BY dept_code HAVING COUNT(*)&gt;30;</pre>	<pre>SELECT dept_code, COUNT(*) FROM Staff GROUP BY dept_code;</pre>	<pre>SELECT dept_code, COUNT(*) FROM Staff GROUP BY dept_code;</pre>
71		Consider the following set of statements, and evaluate the		I			

L1 JEE Test - 75Qs - Set 1 - Excel				
1	Top1	Q text <pre>SELECT emp_code,emp_sal FROM Employee_master WHERE emp_sal &gt; (SELECT AVG(emp_sal) FROM Employee_master WHERE dept_code=10);</pre>	H Option/ Answer 1 It will display employee details who earn salary greater than any average salary earned in all dept.	I Option/ Answer 2 It will display employee details who earn salary less than average salary earned in dept 10
71	Joins and Sub queries	Which of the given statement is true about above query?	J Option/ Answer 3 It will display any employee details who earn salary greater than average salary earned in dept 10	K Option/ Answer 4 None of the above
	DML	Consider the following set of statements, and evaluate the final output:  Table available : DEPT (DEPTNO, DNAME, LOC) 1 INSERT INTO dept VALUES (70, 'HR', 'PUNE') ; 2 SAVEPOINT A ; 3 INSERT INTO dept VALUES (80, 'MARKETING', 'BOMBAY') ; 4 SAVEPOINT B ; 5 ROLLBACK TO A ; 6 COMMIT	L Option/ Answer 1 Table dept updated with first and second insert command	M Option/ Answer 2 Table dept updated with first insert command only
			N Option/ Answer 3 Table will not get updated with any of the insert command	O Option/ Answer 4 You cannot execute commit in transaction after rollback

Consider the following set of statements, and evaluate the final output:					
	G	H	I	J	K
Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	Option/ Answer 4
DML	<p>Consider the following set of statements, and evaluate the final output:</p> <p>Table available : DEPT (DEPTNO, DNAME, LOC)</p> <pre>1 INSERT INTO dept VALUES (70, 'HR', 'PUNE') ; 2 SAVEPOINT A ; 3 INSERT INTO dept VALUES (80, 'MARKETING', 'BOMBAY') ; 4 SAVEPOINT B ; 5 ROLLBACK TO A ; 6 COMMIT</pre>	Table dept updated with first and second insert command	Table dept updated with first insert command only	Table will not get updated with any of the insert command	You can't execute any command after rollback
Cursors	<p>While using Cursor For Loops in PL/SQL block, which of the following statements is true? </p>	The Cursor FOR loop will take care of opening, fetching and closing the cursor implicitly.	You will have to explicitly handle all the events of the cursor.	You will only write the fetch in the code, opening and closing of the cursor is taken care by cursor loop.	You will only write the code, opening and closing of the cursor is taken care by cursor loop.

L1 JEE Test - 75Qs - Set 1 - Excel

		Topic	Q text	Option/ Answer 1	Option/ Answer 2	Option/ Answer 3	General
1	OOP		Consider an online shopping site named "shoppingFactory.com". Customers are supposed to fill a form for ordering the items. What relationship exists between form and fields available in the form?	Is - A relationship	Has - A relationship	Realization	
75	UML		Which of the following UML diagram describes interactions among classes in terms of an "exchange of messages over time" ?	Activity Diagram	Sequence Diagram	State Chart Diagram	Class Diagram
76							
77							
78							
79							
80							
81							
82							
83							