

<body>

```

<html>
  <head>
    <title>Hello World</title>
  </head>
  <body>
    <h1>Hello World</h1>
  </body>
</html>

```

<body>

</html>

Ans → a) The text in HTML element nodes is not considered a node. (✓) (Ans)

b) two child nodes contained within the root node.
(Ans)

→ requires no code as block objects for ~~Root/Parent~~

`@RequestMapping(method = RequestMethod.post)`

public String processSubmit(@ModelAttribute("form") Form form
BindingResult result);

- form must extends Spring model class.

- attribute value in object in the form are bound to view

- attribute values in object in the form are read only.

- the scope of it for the object form is session level

- object form should be defined as a Spring Bean to avoid null reference.

② Which are not valid in JDBC ~~SQL~~ (Ans)

→ TransactionNone

→ Transaction+Read+Repeat - Repeatable Read

→ Transaction+Read+Commit

→ Transaction+Read+Uncommitted

→ Serializable

1) Find the errors in ANSI SQL SELECT from the below query:

Select firstname, Distinct department_id
from employees
order by firstname

options (in where & salary > 1000 instead of (in & salary >

- The column used in the query predicate should be one of the selected columns.

✓ sorting of data should be based on numeric column selected.

- where class (class should be used before the order by keyword) (Distinct keyword is wrong) should be used before the order by

more than 1 column

- The distinct keyword used in select statement can't be applied on individual columns.

2) Jquery can be downloaded from Google Microsoft

Clouds source is most popular and easy to use.

→ Jquery is used in a single line mark-up.

→ Jquery is usually given inside a body tag.

Q7 /WEB-INF/Helloworld - servlet.xml file → meaning

✓ Spring MVC controller config

- It contains logging configuration

✓ It contains servlet's name to servlet

- change default name of location of this file in MVC config.

Q) HTML

After entering the month, it should go to getMonth()
& after the user clicks on "click here" button it should
be displayed in a single line

- document.write("People born in " + getMonthName() + "Click here");
- document.write("People born in " + getMonthName() + "Click here");
- document.write("people born in ");
document.write(getMonth());
" " . write ("click here");
- document.write(<p>people born in ");
" " . write (getMonth());
" " . write (<p>click here);

Q)

com.jkm.net
class callmanager {

String[] getCallersDetails() {
Another package
com.mycompany.callmanager Test

class CallManagerTest {
begingets
} Test

How to use this
method?

Q7 prepared statement ps = con.prepareStatement("Select *
from employee where id = ?")

ResultSet rs = ps.executeQuery();

Options

- The code will compile. ✓ (ans).
- The code will not compile.
- An database exception is thrown.

Q7 <property name = "something" >

<column

write : "encrypt(!)" />
</property>

which are correct to use?

- id = "meet"
- name = "some"
- value = "cc"
- read: encrypt (!)

1. SE Code snippet will execute no error & give the JVM Heap Size, Maximum JVM Heap Size & Free JVM Heap Size.

- a) Count JVM Heap size: " + Runtime.getRuntime().totalMemory()
Count JVM Heap size: " + Runtime.getRuntime().~~Memory~~Memory()
Count JVM Heap size: " + Runtime.getRuntime().freeMemory()
b) Count JVM Heap size: " + Runtime.getRuntime().getTotalMemory();

" " " . getMemorySize()
" " " . freeSize()
c) " " " . getTotalMemory()
" " " . getMaximumMemory()
" " " . FreeHeap()

2. AJAX working model is suitable for creating a web app that manages user info interactively.

a) Helps the browser maintain a one-way communication with the server

~~b) Request manually save the data.~~

~~c) Provides peer to peer communication b/w browser.~~

~~d) Provides a way to partially update a webpage ~~getmax~~ get~~

~~e) Provides easy access for all users update a webpage ~~used~~ ~~get~~ ~~print~~.~~

e) provides a way to partially update a webpage totalMemory
" " " easy access for all users update a webpage maximum
memory

" " " " freeMemory()

3. Hibernate Configuration.

- a) <id>
- b) <row>
- c) <many-to-one>
- d) <complex>
- e) <version>

f. Java object can read lines of text from file "input.dat".

- i) BufferedReader inputStream = new BufferedReader ("input.dat")
 - a) "input.dat" "new File("input.dat")"
 - b) "input.dat" "new FileReader("input.dat")"
 - c) "input.dat" "new FileInputStreamReader ("input.dat")"
 - d) "input.dat" "new FileReader("input.dat")"
- j) FileReader inputStream = new FileReader("input.dat");

5. Which are not valid datatype map for SQL to Java.

- a) Date \Rightarrow java.sql.Date
- b) Numeric \Rightarrow Integer
- c) Timestamp \Rightarrow java.sql.Time
- d) Character \Rightarrow String
- e) Float \Rightarrow Double

6. Spring annotation configuration

a) @Bean
public Employee employee() {
 return new Emp();
}

b) @Autowired
public class Employee {}

c) @Configuration
public class MyConfig {}

Required for other method.
d) @Request Setter
private Employee employee;

e) @Autowired
private ApplicationContext context;

7. Servlet in Java EE

- a) The container calls the servlet's `init(ServletConfig)` to pass a `ServletConfig` reference to the servlet.
- b) The container calls the servlet's `service(HttpServletRequest, HttpServletResponse)` to make the Request object to the servlet.
- c) The servlet must extend `GenericServlet` directly.
- d) A `destroy()` method is called after each response to a client.
- e) The servlet can extend `HttpServletRequest` or `HttpServletResponse`.

8. Object form in the Spring code.

- a) The object form should be defined as a Spring Bean to avoid null reference.
- b) Attribute values in the object form are read-only.
- c) Attribute value in the object form are bound to the view.
- d) Scope for the object form is session.
- e) Object form must extend the Spring model class.

```
<web-app>
  ...
  <session-config>
    <session-timeout> 300 </session-timeout>
  a) The session is inactive for 5 hours, the user closes all browser window.
  b) The session is inactive for 5 minute the user closes all browser window.
  c) The server code calls request.getSession().invalidate where request is the HttpServletRequest object.
  d) The server code calls request.getSession().destroy() where request is the HttpServlet Request object.
```

```
1. public class MySuper {
  protected String buildString (String current) {
    return current + "i"; }

  package com.ikmnet;
  public class MySub extends MySuper {
    @Override
    public String buildString (String current) {
      return super.buildString (current); }

  1. // Package declare
  2. import com.ikmnet;
  3. public class Mytest Harness {
  4.   public void writeString () {
  5.     // object creation
  6.     S.O.P (obj . buildString ("0, "));
  7.     a) Add mysub obj = new mysub()
  8.     b) Add static S.O.P ("0,1")
  9.     c) Add mysuper obj = new mysub();
  10.    d) Replace line1 with static package com. test;
  11.    " " " . . ikmnet & Line 5
  12.    " " " with mysub obj = new (mySuper ());

```

12. Import java.io.*;
 " util.optional

Public class fileclass {
 Public static void main (String args[]) throws IOException
 Optional<String> f = optional.of ("file.java");
 File f1 = new File (f.get());
 ① RandomAccessFile rf = new RandomAccessFile (f1);
 b) FileOutputStream sout = new FileOutputStream (f1);
 c) InputStream sout = new InputStream (f1);
 d) Request Reader sout = new FileReader (f1);
 e) Input stream sout = new FileInputStream (f1);

13. 2 bean id test class = com.samplecompany.Book < /bean
 1 bean id test class = com.samplecompany.Library < /bean
- a) compile time exception will be thrown
 b) The container will use class "com.samplecompany.Library"
 for bean id "test".
 c) The container will use class "com.samplecompany.book"
 for bean id "test".
 d) The container will throw exception where request
 comes for any of those 2 beans.
 e) A exception will be thrown where application
 loads in container.

14. How Spring configures below be modified to
 provide a template implement of a 2-door car to use
 as a model for convertible & Coupe instance.

14) <beans>

 <bean id="2door" class="Vehicle.convertible">

 <bean id="convertible class="Vehicle.convertible">

 Parent="2door">

 <bean id="coupe" class="Vehicle.coupe">

 Parent="2door">

 a) <bean id="2door" abstract="true">

 <Property name="doors" value="2"/>

 b) <bean id="2door" class="Vehicle.car" abstract="true">

 <Property name="doors" value="2"/>

 c) <bean template="2door">

 <Property name="doors" value="2"/>

 d) <bean id="2door" class="Vehicle.car">

 <Property name="doors" value="2"/>

 e) <bean id="2door">

 <Property name="doors" value="2"/>

15. <bean id="CompanyBean" class="com.sample.company">

 <constant-arg>

 <bean id="customerBean" class="">

 <Property name="name" value=""/>

 </Property>

 </constant-arg>

 </bean>

a) It will throw Runtime exception "NoSuchBeanDefinition exception"

- b) It will throw NoClassDefFoundError.
- c) It will return reference of bean "customer".
- d) It will generate a compile time error.
- e) It will return null reference.

16. <property name="hibernateColumnTransformer">

<column>

= "write='encrypt(?)' /></Property>

- a) value = ("credit-card no") \line 3
- b) read = "decrypt(password)" \line 4

- c) name = "password" to line 3
- d) read = "unencrypt. (card_no)" to line 1.
- e) id = "master_pass" to line 3.

17. Hibernate many to one mapping.

- a) @joincolumn (fetch = FetchType.Early)
Private State state;
- b) @ManyToOne (fetch = FetchType.Early)
@joincolumn (name = "state_id")
Private State state;
- c) @joinid (fetch = FetchType.Eager)
Private State state;
- d) @OneToOne (fetch = FetchType.Early)
@joincolumn (name = "state_id")
Private State state.
- e) @OneToOne (fetch = FetchType.Eager)
@joincolumn (name = "state_id");
Private State state;

18. 1. ---

2. java.sql.PreparedStatement ps = con.prepareStatement
("Select * From Tabl where name=?");

3. ---

4. ps.setInt(1, 1000);

5. ResultSet rs = ps.executeQuery();

6. ---

g) Code will compile & execute.

b) " " " but the SQL on line 2 throws an
SQL FormatException when execute.

c) Code fails to compile at line 5 but there is no

d) Code defines matching, the prepared statement gives
line2, line4.

19. Public static void main (String args[]){

File file = new File ("Input.dat");

FileWriter output = new FileWriter (file);

output. flush();

a) for (int i=0; i<5; i++) {

file. setSerializable (i);

file. tostring();

b) PrintWriter p = new PrintWriter (output);

Streams. of (0,1,2,3,4). foreach

(p:: write);

c) output. write (new char [] {0,1,2,3,4});

d) for (int i=0; i<5; i++)

output. write (stream. value of (i));

e) Stream. of (0,1,2,3,4). foreach

(output:: write);

20. <filter>

<filter-value> org.springframework.web.filter.Character

20. public class split {

public static void main (String args[]){

String result = "GUV - OT & SUE". split ("v+");

for (int x=0; x<result. length; x++)

S. O. P (result[x]);

a) G
-OT&S
E

d) G
-OT + S
E

b) GUV - OT & SUE

e) An arrayIndexOutOfBoundsException
Exception is thrown at runtime

c) GUV - OT

2). Employee Table

EMPID (primary key)

FirstName

LastName

JOB

Department Table

Department ID

" Head.

SELECT FN || ' ' || LN from emp where not

✓ (Emp-ID = Any(Select Department Head from Department))

Ajax State

0 → Request not initialized

(Setup)

1 → Server Connection established (Loading)

2 → Request Received (Process)

3 → Processing Request (Working)

4 → Request finished and Response is ready

(Destroy)

El implicit object

→ pageScope, requestScope, sessionScope, applicationScope, param, paramValues, header, headerValues, cookie, initParam, pageContent.

single quotes

c. character a character = new character ("c")

④. <html>
 <head>
 <title> Dom Sample </title>
 </head>
 <body>
 <h1> Document Obj model </h1>
 <p> Dom Works </p>
 <!-- might add h2 in future -->
 </body>
 </html>

- a. There are no comments in this code.
- b. 2 child nodes contained within root node
- c. <html> tag is not a node
- d. root node in the page is <body>
- e. text in HTML element nodes is not a node

⑤. Features Of servlet in Java EE?

- (a) Destroy method called after each response to client
- (b) Container calls the servlet init (servlet config) to pass a servlet config reference to servlet.
- (c) The container calls servlet init (fhttpServletReg) to make reg. object avail to servlet.
- (d) Servlet extend Generic servlet directly.

⑥. Correctly describes dispatcherServlet in Spring mvc?

- a. Contains application flow logic
- b. handles http req, response
- c. Controls Business logic applied depending on users choice.
- d. defines view resolver
- e. passes the model data to app. view

⑦. Correctly describes dispatcherServlet in spring mvc?

- a. Context

⑦ No more heap space is available?

- a) Java.lang. OutOfMemoryError
- b) " " " OutOfHeapMemoryError
- c) " . IoError too many threads
- d) Java.lang. PermGenError
- e) Java.lang. InsufficientHeapException

String forgotEmailForRequest = getServletConfig().
getInitParameter("CorporateEmail");

- a) Attribute Corporate Email in request
- b) Corporate Email item in the session
- c) < servlet mapping > in web.xml
- d) Corporate Email in prop.xml
- e) < init-param > in web.xml.

⑨

Emptable



Columns: id, name, deptid

10 records

stored

Dept table



Columns: id, name

5 records

stored

Select * From Emp,dept; ans) 5 rows

- (a) 10 rows (b) 50 rows (c) Error (d) 5 rows
(e) 15 rows -

⑩. What is Encapsulation in Java class?

a) Declaring a class as extends

b) Providing Overloaded version of methods.

c) declaring instance variables as public

d) all instance variables as private

e) all instance variables as private

⑪. Checked Exception in Java SE?

a) Subclass of Java.lang.RE

b) Subclass of Java.lang.Exception

c) class implements Java.lang.CheckedException

d) subclass of Java.lang.throwable

e) Subclass of Java.lang.CheckedException

⑫ DatabaseTable

Convertible

Price: decimal, default: 2

a) <property name="price">

<column name="Price" default="2000.00"

b) <property name="price">

<column name="Price" insert="2000.00"

c) <property name="price"

insert="2000.00"

<column name="Price" insert="2000.00"

d) <property name="price"

<column name="default" default="2000"

⑬ If does not work, which to
modify in the below options.

Public class Parent

{ protected static int count = 0; }

public Parent()

{ count++; }

Static int getCount()

{ return count; }

}

Public class Child extends Parent

{ public Child()

{ count++; }

}

```

    Psvm
    {
        sync("Count = " + getCount());
        childObj = generate();
        newChild();
        sync("Count = " + getCount());
    }

```

- a) Change filename to child.java
- b) Put two class in two separate files
- c) Remove public from both classes, parent, child
- d) Change keyword public to private
- e) change file to ParentChild.java

(14) Implicit objects for EL Tsp?

- a) Service
- b) Content Parameter
- c)
- d)
- e)

(15) Psvm

```

    list<String> list = new ArrayList<String>;
    list.add("1");
    list.add("2");
    list.add(0, "3");
    list.add(1, "4");
    list.forEach(System.out::println);

```

- (16) Which is valid JTA annotations in Java 6.5
- Transaction attribute type: Request
 - ~~Required~~
 - ~~Required, Read~~
 - ~~Read~~
 - ~~Request~~

- (17) Java.io file are correct?
- By default, the file class resolver select pathname against the code where jvm sees this pathname
 - file obj represents as abstract pathname
 - abstract pathname represented by a file obj
 - abstract pathname corresponds to normal file.
 - file class java.nio.filepath obj from its class creates directory on filesystem

(18) DB
Convertible
Price: decimal

Entity class Public class Convertible Private BigDecimal Price;

- <property name="price">
- <label="Price">
- <title="Price">
- <name="doublePrice" column="Price">
- </price>

① Which is the valid XML HTTP Request Javascript object?

- a. GetRequest
- b. XMLHttpRequest.timeout is read only
- c. Used to exchange data
- d. XMLHttpRequest.init()
- e. XMLHttpRequest.send()

② String a=null;

Optional<String> b=Optional.empty();

try {

System.out.println(a.length());

System.out.println(b.orElse("").length());

} catch (Exception ex)

{ System.out.println(a); }

} finally

{ a="String"; }

System.out.println(a.length());

b=Optional.ofNullable("");

b.get().length();

Ans: nullb0

(a) 0 or null

b.) null

c.) Error

c.) null null

d.) 0 0

③ Java SE boxed primitive instantiate will

result in the variable being assigned a value? It should be in double quotes

a. Boolean aBoolean = Boolean.parseBoolean("true");

b. Long aLong = 9876543210L;

c. Integer aInteger = new Integer("987654320");

d. Byte aByte = Byte.parseByte("121") → should be in

$\angle T >$

$\angle S >$

Wrapper classes

Generics

math. floor (-23.2345);

math. ceil (-23.2345);

math. abs (-23.2345);

math. round (-23.2345);

Ans: -24.0

-23.0

-23.0

23.2345

Find the minimum of 2 integers.

Math. min (23, 35);

Math. rint (23, 35);

Ans: 23.0.

Categories of search condition in ANSI SQL?

- a. Boolean test ✓ AND OR NOT
- b. expression test Ex.
- c. Grouping test,
- d. Comparison test,
- e. Null value test,

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1. JSON Format

Ans: { "prop": 1, "prop2": ["prop3": [1, 2, 3]] }

{ prop1: 1, prop2: 2, prop3:

2. Public class Sedan implements Car

{

Public Sedan()

{

Set Engine (new EngineFinder().findEngine());

} } * Spring can refer the EngineFinder.findEngine() factory.

* Spring can replace the EngineFinder factory

* Spring can directly inject an Engine instance into set Engine Method.

* The Sedan class can use Spring Component Provides

* The Sedan class can be modified to query Spring for

3. Which of the following are categories

of search conditions in ANSI SQL?

* Null value test * Grouping test

* Comparison test * Expression test

* Boolean test

4. Which of the following statements

about exceptions in Java SE are true?

4. Which of the following hibernate XML elements can be used to override a hibernate annotation based Configuration?

✓ <version />

✓ <many-to-one />

✓ <id />

✓ <row /> <complex />

5. (Get Memory value syntax) Without error & print the current JVM Heap size, Max JVM

6. Features of servlet

7. Hibernate Pooling are correct

* The C3PO Connection pool manager database connections between hibernate & the database

8. Usage of Spring Servlet definition file

"[servlet-name]-servlet.xml"

* It is not possible to location change & file name location of this file

* It includes the view Resolver bean definition

*

View Resolver

Schema location

Bean defined with the same name in
the global scope

10. SalesInvoice(); Question in Previous question

11. double $ol = -27.2345;$ ✓
math.ceil(ol); -27.0
math.round(ol); -27.0
math.abs(ol); 27.2345
math.floor(ol); -28.0

12. Spring annotation-Based Configuration

- * @Autowired (only to fields/variables)
public class Employee { } @Required setter methods
- * @Bean
public Employee employee()
{
 return new Employee();
}
- * @Configuration
above classes
- * @Autowired
private Application Context;

13. Two tables

EMP (ID, Name, Dept ID) \rightarrow 10 records

DEPT (ID, Name) \rightarrow 5 records

Select * from EMP, DEPT

- * return 50 rows
* return 5 rows
* return 15 rows

- * Syntax error
* return 10 rows

14. Max java heap size

- * -xmx ✓ * CP
- * -x * -xbatch
- * -jav

15. <Session-Config>

<session-timeout> 300 </session-timeout>

</session-Config>

* session is inactive for five hours

* session is inactive for five min

* The servlet code calls request.getSession().
invalidate()

* where request is the HttpServletRequest object

* The User Closes all browser windows

* The Servlet Code call request.get. destroy()

16. Object that map the request to the corresponding handler object?

- * Handler Interceptor
- * Handler Method
- * Handler callback
- * Request Mapping ✓
- * Request Mapping

17.

- * `output.write(new char[] {'0', '1', '2', '3', '4'})`
- * `for (int i=0; i<5; i++)`
 - {
 - `file.setWritable(i);`
 - `file.toString();`
 - }
- * `PrintWriter p=new PrintWriter(output);`
`Stream.of('0','1','2','3','4').forEach(p.write);`
- * `for (int i=0; i<5; i++)`
 - {
 - `output.write(String.valueOf(i));`
- * `Stream.of('0','1','2','3','4').forEach(output);`

18. Valid Methods to explicitly make objects available for garbage collection

- * Assigning the value -1
- * Explicitly removing Unused Object
- * Assigning the Value 0
- * Calling `System.gc()` ✓
- * Assigning null to object ✓

19. <bean id="engine" class="engine-V6Engine"/>
<bean id="Vehicle" class="Vehicle, Convertible">
<constructor-arg ref="engine" />
<Property name="doors" Value="2" />
</bean>

20. document.write ("People born in" +

GetMonthName() + "click here")
Avoid
21. Hide Password in Table

- * BigDecimal findRoot (BigDecimal number)
- * transient BigDecimal findRoot (BigDecimal number)
- * private static BigDecimal findRoot (BigDecimal number)
- * volatile BigDecimal findRoot (BigDecimal number)
- * synchronized BigDecimal findRoot (BigDecimal number)

22. which of the following are Valid statement
regarding the XMLHttpRequest javascript object

- * The XMLHttpRequest.init() method is used to initialize a request.
- * The XMLHttpRequest.timeout Property is read-only
- * It is used to exchange data with a server in the background

* The XMLHttpRequest. send() method expects a boolean parameter, which indicates if the synchronized (or) Asynchronous

* Get request

23. * <filter-class> characterEncodingFilter </filter>

* <filter-class> org.springframework.web.filter.

RequestEncodingFilter </filter>

* <filter-value> org.springframework.web.filter.

CharacterEncodingFilter </filter>

* <class> org.springframework.web.filter.TextEncodingFilter

</class>

* <filter-class> org.springframework.web.filter.CharacterEncoding

</filter-class>

24. choose true

* There are two child nodes contained within the root node

* The text in the HTML element nodes is not considered a node

* The <html> tag is not considered a node

* The root node in the page is <body>

* There are no comments in this code.

25. Associate Primitives with their corresponding boxed Primitive type in Java.

- * ~~Big Int~~ corresponds to BigInteger X
- * int corresponds to Int (Integer)
- * long corresponds to Long ✓ (ans)
- * char corresponds to Char (Character)
- * bool corresponds to Boolean
boolean

26. Public abstract class A

{
 m1();

}
Public class B extends A

{

}

* If class B is not abstract m1() implement

* If class B is abstract not m1() implement

* If class B is abstract then method m1() can
be declared abstract final.

* If class A is final then abstract method
m1() must have an implementation in class B

* Class B can be declared final so it doesn't
need to implement method m1().

27. * <Property title="Price"/>
* <Price />
* <Property label="Price"/>
* <Property name="Price"/>
* <Property name="double Price" column="Price"/>

28. The Query lists the employees who don't head a department in the organization.

29. Checked Box 2 Value "ET"

* \${ParamValue . ProgrammingEnvironmentUsed[1]}
* \${Param . ProgrammingEnvironmentUsed}
* \${ParamValue . ProgrammingEnvironmentUsed[2]}
* \${ParamValue[1] . ProgrammingEnvironmentUsed}
* \${ParamValue ProgrammingEnvironmentUsed[1]}

30. Public class IkmTest

```
{  
    public static void main (String [] args)  
    {  
        SortedSet <Element> s=new TreeSet <Element>();  
        S.add (new Element(15));  
        S.add (new Element(10));  
        S.add (new Element(25));  
        S.add (new Element(10));
```

System.out.println(s.first() + " " + s.size())

class item implements Comparable

{

Element (int id)

{

this.id = id;

Public int compareTo (Object obj)

{

Element e = (Element) obj;

return this.id - e.id;

}

* 10, 4

* 15, 4

* 10, 3 ✓

* 15, 3

31. URI String of the client request

Ans \Rightarrow \${PageContext.request.requestURI}

32. Not correctly declare a Generic java SE class

[Refer Previous Questions]

33. javaSE packages do not contain classes to support I/O operation on files

* ~~java.lang.reflect~~

* ~~java.io~~

* ~~java.beans~~

* ~~java.io~~

* ~~java.nio~~

24. ANSI SQL Operator to achieve required
Search Cr

- * Between
- * select
- * in

35. Protected Number getlocal()

How to override a above Method.

Protected Number getlocal()

public Number getlocal()

36. DOM

37. Not valid data type mapping for SQL

numeric → integer

Integer → float → double

Timestamp → SQL

char → string

38. Super Class of Every Object

java.lang.Object java.lang.Package

39. Valid Usage of Distinct

Two

40. Not valid data type Mapping for SQL

42.

41. Read file.txt

* FileInputStream fs=new FileInputStream ("file.txt");
* InputStreamReader isr=new InputStreamReader
(fs, "UTF-8");
* RandomAccessFile rf=new RandomAccessFile ("file.txt", "r");
* InputStreamReader isr=new InputStreamReader
(new FileInputStream ("file.txt"), "UTF-16E");
* FileReader fr=new Reader ("File.txt");
* FileInputStream fis=new FileInputStream ("file.txt");
* FileReader fr=new FileReader (fis);

42. Handler Object

* Handler Interceptor
* HandlerMapping
* Handler Method
* Handler Cat

Handler Object

- 1) Handler Interceptor
- 2) Handler Mapping
- 3) Handler Method
- 4) Handler, Callback
- 5) Request Mapping

39. Valid Distinct

- * It signifies the default behaviour of the select query.
 - * It can be used for individual columns appearing in the column list.
 - * It can be used with numeric column one.
 - * It can be used to eliminate duplicate sets of column selected.
 - * A statement select query can have only one distinct clause.
-

42). Try & catch Statement

- * A Method in an interface can declare that it throws a checked exception.
- * If a try catches & does not rethrow an exception then a corresponding finally block which not execute.
- * A Method can throw exception of Remote exception, RemoteException, IOException, Exception.
- * If a method declares that it throws IOException it can be used in the body of lambda expression if wrapped in try block.

- * If a method to grow public void myMethod() throw IOException then method calling my

43. Ajax creating web application that

- * Provides easy accessibility for all users
- * Requires manual saving of data
- * Provides a way to partially update a web page
- * Helps the browser maintain a one way communication with the server.
- * Provides Peer to Peer Communication b/w Server

7. Hibernet Pooling

- * Hibernet Pooling algorithm is intended for Production
- * Each Connection Pool can have different properties
- * Hibernet can config the max number of Connection
- * C3PO Connection pool manages database connect b/w hibernet & the database
- * Config the min number of actives in a pool

44. JavaScript

- * Jamey is a library of JavaScript function which can be added to a web page single line of markup
- * Developers can uses the hosted Jamey library Google or microsoft to help build website
- * A js file required a full page to load after uploading part of a web page
- * Javascript does not have to be enabled to work in a browser
- * The Jamey script tag should be add in the developer wants to use the jamey library.

45. Which of the following are not valid data types mapping for SQL to Java?

* Timestamp → java.sql.Time

* Char → string

* float → double

* Date → java.sql.Date

* Numeric → Integer

- 7) public class Convertible implements Car Engine.
- public void initialize()
- 8
- 9
- 1) Bean id = <"Convertible" class = "Vehicle.Convertible" />
- 2) Bean id = <"Convertible" class = "Vehicle.Convertible" Initialize
- 3) Bean id = <"Convertible" class = "Vehicle.Convertible",
Initialize = "Initialize" />
- 4) Bean id = <"Convertible" class = "Vehicle.Convertible"
After Properties set = "Initialize" />
- 5) Bean Id = <"Convertible" class = "Vehicle.Convertible"
After Properties evaluate value = "Initialize" />
- 2) Which of the following are valid examples of a
Spring annotations based Config.
- A) @Config public class my configuration { }
B) @Bean public Employee employee ()
{
return new Employee();
}

→ Which of the following statement can be used
to retrieve the lastname of all customers who
live Georgia (AC) USA (abbreviated GA) or
USA
(Query) (option)

In the Spring Application Context below, the same bean id is provided to different beans. Which classed will be used for beans with id "test".

<bean id="test" class="different"/>

<bean id="test" class="different"/>

A) Exception will be thrown when application codes in contained.

B) Compile time exception will be generated.

C) The container will use class="com.samplecompany.lib" for bean id "test".

D) The container will use class="com.samplecompany.Bon" for BeanId = "test".

E) The container will use exception throw when request comes for any of those 2 beans.

Which one is not valid?

- 1) Transaction - Read Repeatable
- 2) Transaction - Serializable
- 3) Transaction - Read-uncommitted
- 4) Transaction - None
- 5) Transaction - Read-committed.

Not contain I/O provider

- 1) Java.nio
- 2) Java.lang.reflect
- 3) Java.swing
- 4) Java.io
- 5) Java.Beans.

Which of the following statement about Encryption in Java

- 1) A method in an interface can declare that it throws a checked exception
- 2) If a try catches and does not rethrow an exception then a corresponding finally block will not execute.
- 3) A method can throw exception of Remote Exception
 - (i) Remote Exception
 - (ii) IO Exception
 - (iii) Encryption
- 4) If a method declares that it throws IO Exception it can be used in the switch nodes of lambda except expression iff wrapped in try block
- 5) If a method signature public void method() throws IO Exception then a method calling my method must either handle the IO Exception or declare that it throws.

Find correct option.

<property name = "hibernate column Transformer">

<columns write = "encrypt()"/> </property>

- (i) read = "unencrypt(CN) to line key"
- (ii) value = "credit card to line 3
- (3) read = "decrypt (password) to line 4
- (4) id = "Master - password to line 3
- 5) name = "password" to line 3

Find correct option in String & string Builder

- 1) string Builder bld = new string Builder ("hello")
- 2) string Builder bld = "hello"
- 3) string Builder ltr = "Hello" string Builder bld
- 4) string ltr = "Hello" string Builder bld = new stringBuilder(str);
- 5) string str = new string ("Hello") string Builder bld, new string Builder (str);

which method is used to connect database

- 1) ~~public synchronized connection getconnection(string url, string user, string password) throws connection exception~~
- 2) public static connection getconnection(string url) throws exception
- 3) ~~public synchronized connection get conn(string url, int port, string url, string password) throws exception~~
- 4) public static ~~connection~~ get connection(string url, properties info)
throws SQLException
- 5) public static connection get connection(string url) throws
Connection exception.

java.lang class contains method to run an application?

- a) class <T> add(T t);
- b) String Builder
- c) void
- d) Process Builder

① Runtime.getRuntime().totalMemory();

Runtime.getRuntime().maxMemory();

Runtime.getRuntime().freeMemory();

②

A B C D E F

Instructions of memory allocation and deallocation

new String("Hello")

String str = new String("Hello")