1)<html>

<body>

* -
* -
* -

<body>

<html>

Ans)

a)the text in html element node is not considered a node.

B)two child nodes contained within the root node.

2)@RequestMapping(method=RequestMethod.post)

Public string process submit(@model Attribute(‘form’)form form bindingResult result.

Ans)

a)form mist extends spring model class.

b)attribute value in object in the form are bound to view.

c)attribute value in object in the form are read nly

d)the scope for the object form is session.

e)object form should be defined as a Spring bean to avoid null reference.

Correct options:a,b,e.

3)which are not valid in jdbc?

Ans)

a)transaction-none.

b)transaction-repeatable read

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

Select firstname,distinct departmentid from employee order by firstname where salary>1000

Correct options:

a)Sorting of data should be based on numeric column selected.

b)’distinct’ keyword used in select statement can’t be applied on individual columns.

5)a)Jquery can be downloaded from google Microsoft clouds.

b)Jquery is used in a single line markup

c)Jquery is usually given inside a <body> tag

6)/WEB-INF/Helloworld-servlet.xml

Correct options:

A) spring mvc controller config

b) spring mvc servlet’s name.

c) change default name & location at mvc,config.

7)After entering the month it should go to getmonth() and after the user clicks on “click me” button it should be displayed in a single line.

Correct options:

a) document.write(“people born in “+getMonthName()+”click here”);

b) document.write(“people born in”);

document.write(getMonthName());

document.write(“click here”);

8)com.ikmnet

class callmanager{

String[] get caller credentials(){}}

Another package

Com.mycompany.callamanger Test

Class Callmanagertest{}

Correct options:

9)prepared statement ps=con.preparedStatement (“select \* from employee where id=1”);

Resultset rs=ps.executequery();

Correct options:a) the code will compile.

10)<property name=”something”>

<column write:”encrypt(!)”/>

</property>

Which are correct to use?

Correct options:

a)name=”something”

b)read.encrypt(!)

10)SE code snippetwill execute no error & give the jVM heap size,Maximum JVM heap size and Free JVM heap size?

Correct options:

a)count JVM Heap Size:”+Runtime.getRuntime().totalmemory()”

count JVM Heap Size:”+Runtime.getRuntime().Maxmemory()”

count JVM Heap Size:”+Runtime.getRuntime().freememory()”

11)AJAX working model is suitable for creating a web app that manages user info interactable

Correct options:

a)provides peer to peer communication between browser.

b)provides a way to partially update a webpage getmax

c)provides easy access for all users update a webpage get used.

12)hibernate configuration

Correct options:

a)<id/>

b)<many to one>

c)<version>

13)Java object can read lines of text from file “input.dat”.

Correct options:

a) BufferedReader inputstream=new BufferedReader(new File(“input.dat”)) ;

b) BufferedReader inputstream=new BufferedReader(new File Reader(“input.dat”));

c) FileReader inputstream=new FileReader (“input.dat”);

14)which are not valid data type map for sql to java?

Correct options:

a)numeric to integer

b)timestamp to java.sql.time

15)Spring annotation configuration

Correct options:

a)@Bean

public Employee employee(){

return new Emp(); }

b)@configuration

public class Myconfig{}

c)@Autowired

private ApplicationContext context

16)Servlet in Java EE

Correct options:

a)The container calls the servlets Init(servletconfig) to pass a servlet config reference to the servlet.

c)The servlet must extend genericservlet directly

17)object form in the spring code

Correct options:

a)the object form should be defined as a bean to avoid null reference

b)attribute value in the object form are bound to the view

c)object form must extend the spring model class.

18)<web-app>

- - - - -

<session-config>

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

Correct options:

a)the session is inactive for 5 hours, the user closes all browser window

19)public class Mysuper{

Protected string buildstring(string current)

{ return current+”i”;} }

Package com.ikmnet;

Public class Mysub extend Mysuper{

@override

Public string buildstring(string current){

Return super.buildstring current;

} }

1.//package declare

2.import com.ikmnet;

3.public lass Mytest Harness{

4.public void writestring() {

5.//object ceation

6.s.o.p(object.buildstring(“0, ”));

Correct options:

a)add Mysub obj=new Mysub()

b)add Mysuper obj=new Mysub();

20)import java.io.\*;

Import java.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());

Correct options:

a)reader iont=new filereader(f1);

b)inputstream iont=new fileinputstream(f1);

21)<bean id=test class=com.samplecompany.book>

<bean id=test class=com.samplecompany.library>

Correct options:

a)compile time execution will be thrown.

b)the container will throw exception where request comes for any of those 2 beans.

c)a exception will be thrown where application loads in container

22)how spring configure below be modified to provide a template implement of a 2-door car to useas a model for convertible & couple instance.

<beans> <beanis=”2door”/>

<bean id=convertible class=”vehicle.covertible” parent=”2door”/>

<bean id=couple class=”vehicle.couple” parent=”2door”/>

23)<bean id=”company bean” class=”com.sample.company>

<constant arg><bean id=”customerBean” class=””>

<property name=”name”>

</property>

</constant-arg>

</bean>

Correct option:

a)it will generate a compile time error

23)<name=”hibernatecolumntransformer”>

<column write=’encrypt(?)’/> </property>

24)hibernate many to one mapping

Correct options:

a)@joincolumn(fetch=fetchtype.lazy)

private state state;

b)@many to one(fetch=fetchtype.lazy)

@joincolumn(name=”stated”)

Private state stae;

24)java.sql.preparedstatement ps=con.preparedstatement(“select \*from table where name=?”);

Ps.setint(1,1000);

Resultset rs=ps.executequery();

Correct options:

a)code will compile and execute

25)public static void main(string arg[]){

File file=new file(“input.dat”);

Filewriter output=new Filewriter(file);

\*\*\*\*\*\*\*\*

Output.flush()

Correct options:

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

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

output.write(stream.valueof[i]);

c)stream.of(0,1,2,3,4).foreach

(output::write);

26)public class split{

Public static void main(str[] args){

Str[] result=”GUU-OT&SUE”.split(“U+”);

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

s.o.p(result[x]);

correct options:

a)G

\_ot&S

E

27)employee table department table

Empid primary key dept id

Firstname dept head

Lastname

job

select FNII” “IIln from emp where

(emp-id=any select department head from department)

28)ajax state

0 – request not initialized

1 – server connection established

2 – request received

3 – processing request

4 – request finish and response is ready

29)EL implicit object:

pageScope,request scope,session scope,application scope, param, param values ,header, header values , cookie, init param, pagecontext.

30)correctly describe dispatcher servlet in spring mvc?

Correct options:

a)defines view resolver

31)no more heap space is available ?

Correct options:

a)java.lang.outofmemoryerror

b)java.lang.permgenerror

32)String target email forRequest=getservletconfig(setinitparameter(“corporate email”);

Correct options:

a)<init-param> in web.xml

33)emptable –10 records

Dept table

5 records

Ans:50 rows

34)Rar tight encapsulation in a java class?

Correct options:

a)declaring all instance variables as private

35)checked exception in java SE?

Correct options:

a)subclass of java.lang.exception

b)subclass of java.lang.throwable

36)Databasetable

Convertible

Price:decimal,default 2

Correct options:

a)<property name=”price”>

<column name=”price” default=”2000.00”>

b)<property name=”price”>

<column name=”price” insert=”2000.00”>

37)parent.java

Public class parent {

Protected static int count=0;

Public parent() {

Count++; }

Static int get count() {

Return count; }

Public class child extends parent {

Public child() {

Count++; }

P S V M {

Syso(“count=”getcount());

Child obj=new child();

Syso(“count=”getcount());

Correct options:

a)change filename to child java

b)put two class in two separate files

c)remove public from both classes parent and child

38)implicit objects for EL JSP?

A)service

b)context parameter

39)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)

Ans::3,4

40)WHICH IS VALID jta ANNOTATIONS IN JAVA ee

COORECT OPTIONS:

A)transaction attribute type.required

41)java.io.file are correct?

Correct options:

a)file obj represents as abstract pathname

b)abstract pathname represented by a file obj corresponds to normal file

42)DB entity class

Convertible public class convertible { private bigdecimal price’ }

Price:decimal

Correct options:

a)<property name=”price”>

43)which is valid XML HttpRequest Javascript object?

Correct options:

a)XML HttpRequest.timeout is read only

b)used to exchange data

c)XMLHttp request.send ()

44)string a=null;

Optional<string>b=optionalempty();

Try {

Syso(a.length());

Syso(b.orelse(“”).length()); }

Catch(exception ex) {

Syso(a); }

Finally

{ a=”string”;

Syso(a.length());

B=optional.ofnullable(“ “);

Syso(b.get().length());

Ans: null60

45)java SE boxed primitive instantiate will result in the variable being assigned a value?

Correct options:

a)long along=9876543210L;

b)Integer ainteger=new Integer(“9876543210”);

c)byte abyte=Byte.parseByte(121)

46)math.floor(-23.2345); -24.0

Math.ceil(-23.2345); --23.0

Math.abs(-23.2345); -23.0

Math.round(-23.2345); -23.2345

46)Categories of search condition in ANSI SQL?

1. Boolean test
2. Comparison test
3. Null value test

JSON Format

Ans: {“prop1”:1,”prop2”:{“prop3:[1,2,3]}}

3.public class Seden implements car

{

Public sedan()  
{

setEngine(new Engine Finder().findENgine());

}  
}

4.Which of the following hibernate XML elements can be used tooverride a hibernate annotation based configuration?

a)<version/>

b)<many-to-one/>

c)<id/>

5.Usage of spring servlet definition file “[servlet-name]-servlet.xml”

a)It is not possible to location change and file name location of this file

b) It includes the view reolver bean definition

6. double d=-27.2345

Math.ceil(d); -27.0

Math.round(d); -27.0

Math.abs(d); 27.2345

Math.floor(d); -28.0

7. Spring annotation-based configuration

a) @Autowired

private application context;

b) @configuration

above classes

c) @bean

public Employee employee()

{

return new Employee();

}

8. Two tables

Emp(id,name,deptid) -10 records

Dept(id ,name)—5 records

Select \* from emp,dept;

1. Return 50 rows

9.MAXIMUM java heap size

a) -xmx

10. <session-config>

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

</session-config>

1. Session is inactive for five hours
2. User closes all browser windows
3. The servlet code calss request.getSession().invalidate()

11. Object that map request to the correspoinding handler object

a)Handler Mapping

12.

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

{

Output.write(String.valueof(i));

}

b) stream.of(‘0’,’1’,’2’,’3’,’4’).forEach(output);

13. Valid methods to explicitly make object available for garbage collection

A) calling system.gc()

b) assigning null to object

14. <bean id=”engine” class=”engine-VE Engine”/>  
 <bean id=”vehicle” class=”vehicle.convertible”>

<constructor-arg ref=”engine”/>

<property name=”doors” value=”2”/>

</bean>

15. avoid or hide password in table

a) transient bigdecimal findRoor(Bigdecimal number)

16. Which of the follwoiing are valid statements regarding the HttpRequest javascript object

a) The XMLHttpRequest.timeout property is read-only

b)XMLHttpRequest.send()

17. a) <filter-class>org.springframework.web.filter.RequestEncodingFIlter</filter-class>

b) <filter-class>org.springframework.web.filter.CharacterEncoding</filter-class>

18. associate primitves with their coresspoding boxed primitive type in java

a) long corresponds to long

19. public abstract class A

{

M1();

}

Public class B extends A

{}

1. If class B is not abstract m1() implements
2. If class B is abstract not m1() implements

20. a) <property name-=”price”/>

b) <property name-=”double price” column-“price”>

21. a) ${Paramvalues.ProgrammingEnvironmentUsed[1]}

22. 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));

Syste.out.println(s.first() +” “+s.size());

}

Class ikm implements comprablae

{  
 Element (int id)

{

This.id=id;

}

Public int compareTo(Object obj)

{  
Element e=(Element) obj;

Return this.id=e.id;

}

1. 10,3

23. URI String of the client request

a) $ {PageContext.request.requestURI}

24. java se packages do not contain classes to support io operation on filesd

a) java.lang.reflect

b)java.swing

25. ANSI SQl opearot to achiver request search cr

a) between

b)select

c)in

26.protected Number getLocal()

How to override a above method

1. Protected number getLocal()
2. Public number getLocal()

27.super class of every object

A) java.lang.object

b)java.lang.package

28. Read file.text

a)FileInputStream fs=new InputStreamReader(“file.txt”);

InputStreamReader isr-new InputStreamReader(fis,”UTF-8”);

b)RandomAccessFile rf=new RandomAccessFile(“file.txt”,”r”);

c) InputStreamReader isr-new InputStreamReader(fis,”UTF-16E”);

29. Valid Distinct

a)It can be used to eliminate duplicate sets of column selected

b) A statement select query can have only one distinct clause

30. Try and catch true statement

a) a method in an interface can declare that it throws a checked exception

b) a method can throw excpetion of remote exception,io exception,exception

c)if a method declares that it throws ioexpcetion it can be used in the bod of lambda expression if wrapped in try block

31. ajax creating web applcaiton that

a) provides easy accessibility for all users

b) provideas a way to partially update a web page

c) provides a peer to peer communication between servers

32.Hibernate Pooling

a)Each connection pool can have different properties

b)C3PO connection pool manages database connect between hibernate and database

33. javascript

a) jquery is libray of javascript function which can be added to web page single line of markup

b)developers can uses the hosted query library google or Microsoft to help build website

c) jquery script tag should be add in the developer wants to use the jquery library

34. which method is used to connect database

a) public synchronized connectongetConnection(String url ,String user,String password) throws connection Exception

b) public synchronized connectongetConnection(String url ,import String url,String password) throws Exception

35.not contain io operator

a)java.lang.reflect

b)java.swing

c)java.Beans

36. <bean id=”test” class=different

<bean id=”test” class=different

a)Exception will be thrown when application codes in contained

b) The container will use exception throws when request comes for any of these 2 beans

37.public class Convertible implements CarEngine

Public void intilaze()

{  
}  
a)Bean id=”<Convertible> class=”vehice.convertible” intial method=”Intialize”/>