Q.No.1

Which code snippet could execute the stored procedure "findResult ()" located in a database server?

 a. Statement stmt=connection.createStatement();
    stmt.executeQuery("findResult()");
 b. CallableStatement cs=connection.prepareCall("{call findResult}");
    cs.executeQuery();
 c. PrepareStatement pstmt=connection.prepareStatement("findResult()");
    pstmt.execute();
 d. Statement stmt=connection.createStatement();
    stmt.executeStoredProcedure("findResult()");

Q.No.2

What is the root element for a deployment descriptor of a web application?

 a. <web-application>
 b. <web>
 c. <web-app>
 d. <deploy-descriptor>

Q.No.3

Which of the following tags are used for directives in JSP?

 a. <%!   %>
 b. <%@   %>
 c. <%   %>
 d. None of the above

Q.No.4

Which of the following is not an implicit object in JSP?

 a. response
 b. config
 c. pageContext
 d. system

Q.No. 5

How can you compile the HelloWorld.java file using compact profile1?

 a. javac –compact1 HelloWorld.java
 b. javac –compact compact1 HelloWorld.java
 c. jdeps -profile HelloWorld.java
 d. javac -profile compact1 HelloWorld.java

Q.No. 6

Which of the following statements includes the file header.html in another?

   a. <%@ include="header.html" %>
   b. <%@ include file ="header.html" %>
   c. <%@ page include="header.html" %>
   d. <%@ include url="header.html" %>

Q.No. 7

Find correct output

```
import java.net.*;
class networking {
   public static void main(String[] args) throws UnknownHostException {
      InetAddress obj1 = InetAddress.getByName("cdac.in");
       System.out.print(obj1.getHostName());
    }
  }
```

   a. cdac
   b. cdac.in
   c. www.cdac.in
   d. None of the above

Q.No.8

How can we get a session object in Hibernate?

   a. SessionFactory.open();
   b. SessionFactory.getSession();
   c. SessionFactory.openSession();
   d. Session.getSession();

Q.No. 9

Which method of DriverManager class is used to establish a connection to the given database url?

   a. setConnection(String url, String user, String password)
   b. connect(String url, String user, String password)
   c. getConnection(String url, String user, String password)
   d. setConnection(String url)

Q.No.10

What is the location of any external JARs used in an application to store in any WAR file?

   a. /jars/
   b. /WAR-INF/jars/
   c. /WEB-INF/jars/
   d. /WEB-INF/lib/

Q.No. **11**

Which of the below statement is true about request.getSession(false)?

    a. If session exists, returns the current session associated with the request else creates new session object.
    b. If session exists or not, always returns the new session.
    c. If session exists, returns the current session associated with the request else returns null.
    d. None of Above.

Q.No.12

Which of the following JSTL Tag is used to iterate over a collection of objects?

    a. <c:iterate>
    b. <c:for>
    c. <c:forEach>
    d. <c:loop>

Q.No.13

Which of the following is a valid statement?

    a. <jsp:getProperty id="fistbean" name="firstpropety" />
    b. <jsp:getProperty name="fistbean" property="firstpropety" />
    c. <jsp:getProperty name="fistbean" value="firstpropety" />
    d. None of the above

Q.No.14

Which of the following methods can be used to access the session-scoped attribute?

    a. Object getAttribute(String) in HttpSession
    b. String getAttribute(String) in HttpSession
    c. void getAttribute(String) in HttpSession
    d. String getAttribute(Object) in HttpSession

Q.No.**15**

Which is the JSP implicit object of type ServletContext used for getting context information and attributes?

    a. context
    b. pageContext
    c. config
    d. application

Q.No.16

Java Beans are usual Java classes which

    a. Implements java.io.Serializable interface
    b. Provides no argument constructor
    c. Provides getter and setter methods for accessing it's properties.
    d. All of the above

Q.No.17

Which of the following imports java.util package into the current JSP Page?

    a. <%@ import="java.util" %>
    b. <%@ page import="java.util" %>
    c. <%@ import="java.util.*" %>
    d. <%@ page import="java.util.*" %>

Q.No.18

Which of the following statements is the correct notation for declaring tag library identified by the following tag URI http://java.sun.com/jsp/jstl/xml with the namespace prefix 'x'.

    a. <%@ taglib uri="http://java.sun.com/jsp/jstl/xml" prefix="x" %>
    b. <%@ page taglib-uri="http://java.sun.com/jsp/jstl/xml" namespace-prefix="x" %>
    c. <%@ page taglib-uri="http://java.sun.com/jsp/jstl/xml" taglib-prefix="x" %>
    d. <%@ taglib-uri="http://java.sun.com/jsp/jstl/xml" taglib-prefix="x" %>

Q.No.19

Which of the following constructor is not possible with respect to Locale Class?

    a. Locale(String language)
    b. Locale(String country)
    c. Locale(String language, String country)
    d. Locale(String language, String country, String variant)

Q.No. 20

Which is the superclass of all exceptions in the JNDI?

    a. JNDIException
    b. NamingException
    c. ContextException
    d. AuthenticationException

Q.No.21

Which of the following design patterns does not belong to Creational Patterns?

    a. Builder
    b. Observer
    c. Singleton
    d. Abstract Factory

Q.No.22

When a change to one object requires changing others, then in that scenario which of the following Design Pattern is used?

    a. State
    b. Observer
    c. Mediator
    d. None of the above

Q.No.23

Which of the following is not true with respect to Cookies?

    a. Cookies are one of the solutions for session tracking.
    b. Cookies are generated at the Client Side.
    c. Cookies carry small pieces of information.
    d. None of the Above.

Q.No.24 : What is the full form of JNDI?

    a. Java Network and Directory Implementation
    b. Java Name Directory Interface
    c. Java Network Directory Interface
    d. Java Naming and Directory Interface

Q.No.25

Which of the following is a valid annotation definition?

    a. private @interface MyFirstAnnotation{ }
    b. public @interface MyFirstAnnotation{ }
    c. public @annotation MyFirstAnnotation{ }
    d. public @MyFirstAnnotation{ }

Q.No.26

Which of the following annotations is not a built-in annotation?

    a. @FunctionalInterface
    b. @ThreadSafe
    c. @Override
    d. @Native

Q.No. 27

Which statement is correct for container-managed transactions, if the value of Transaction Timeout field is set to 0?

   a. Transaction will not start.
   b. Transaction will never time out.
   c. If the transaction has not completed within 10 seconds, the container rolls it back.
   d. Transaction will automatically close after 10 seconds.

Q.No. 28

What does session.evict() method do?

   a. remove the object and its collections from the first level cache
   b. remove the object and its collections from the second level cache
   c. remove the object and its collections from the data base
   d. None of the above

Q.No.29

Which of these tags converts a control's value into a number?

   a. f:convertNumber
   b. f:Number
   c. f:convertInteger
   d. f:Integer

Q.No. 30

Which of the following caching mechanism is supported by Hibernate?

   a. Entity Caching
   b. Collections Caching
   c. Query Caching
   d. All of Above

Q.No.31

Which of the following will handle all request and response in Spring MVC Framework?

   a. org.springframework.web.servlet.DispatcherServlet
   b. org.springframework.context.ApplicationContext
   c. org.springframework.web.context.WebApplicationContext
   d. org.springframework.web.servlet.HttpServlet

Q.No.32

In springs, which of the following annotation will be used to bind a method parameter to the body of web request?

   a. @RequestBody
   b. @RequestParam
   c. @RequestMapping
   d. @Request

Q.No.33

_____ is not a module in the Spring architecture.

   a. Spring AOP
   b. Spring ORM
   c. Spring APO
   d. Spring DAO

Q.No. 34

What do you understand by interceptors in Struts 2?

   a. Interceptors are invoked before and after the Action is executed to achieve the features like validation, file upload, exception handling and many more.
   b. Interceptors are the major point of control which used to dispatch request execution to given actions.
   c. Interceptors are used to integrate the struts 2 application with other frameworks like hibernate, spring etc.
   d. All of above.

Q.No. 35

Which Facelets core tag is used to validate string length to a particular range?

   a. <f:validateLength minimum = "Integer value" maximum = "Integer value" />
   b. <f:validateLength min = "Integer value" max = "Integer value" />
   c. <f:validateString minimum = "Integer value" maximum = "Integer value" />
   d. <f:validateString min = "Integer value" max = "Integer value" />

Q.No.36

Which annotation is used for mapping URL with Controller in Spring Framework?

a. @Mapping
b. @Controller
c. @URL
d. @RequestMapping

Q.No. 37

Which of the below module does not comes under the Core Container in Spring 3?

a. Beans
b. Core
c. Context
d. AOP

Q.No.38

How around advice works?

a. Run advice before and after method execution regardless of its outcome.
b. Run advice after a class loads.
c. Run advice after http response is returned.
d. Run advice after http request is processed.

Q.No. 39

What is Advice in the Spring Aspect-Oriented Programming (AOP)?

a. Advice is an action taken by an aspect at a particular join point.
b. Declaring additional methods or fields a particular join point is called Advice.
c. Linking aspects with other application types or objects is known as Advice.
d. Advice is an execution of a program matched by the pointcut.

Q.No. 40

What is true about interoperability in web service?

a. Various applications can talk and share data and services among themselves.
b. Other applications can also use the web services.
c. Web services are used to make the application platform and technology independent.
d. All of the above.