1) In a multitiered application, which tier is the browser in?

A. First tier.

B. Second tier.

C. Third tier.

D. Fourth tier

Ans: A

2) What is the meaning of ResultSet.TYPE\_SCROLL\_INSENSITIVE

A. This means that the ResultSet is insensitive to scrolling

B. This means that the Resultset is sensitive to scrolling, but insensitive to updates, i.e. not updateable

C. This means that the ResultSet is sensitive to scrolling, but insensitive to changes made by others

D. The meaning depends on the type of data source, and the type and version of the driver you use with this data source

Ans: C

3) What happens if you call the method close() on a ResultSet object?

A. The method close() does not exist for a ResultSet. Only Connections can be closed.

B. The database and JDBC resources are released

C. You will get a SQLException, because only Statement objects can close ResultSets

D. The ResultSet, together with the Statement which created it and the Connection from which the Statement was retrieved, will be closed and release all database and JDBC resources

Ans: B

4) Which statement is static and synchronized in JDBC API?

A. executeQuery()

B. executeUpdate()

C. getConnection()

D. prepareCall()

Ans: C

5) To get the servlet environment information

A. ServletConfig object is used

B. ServletException object is used

C. ServletContext object is used

D. ServletContainer object is used

Ans: C

6) The life cycle of a servlet is managed by

A. servlet context

B. servlet container

C. the supporting protocol (such as http or https)

D. all of the above

Ans: B

7) Dynamic interception of requests and responses to transform the information is done by

A. servlet container

B. servlet config

C. servlet context

D. servlet filter

Ans: D

8) Which method is used to retrieve an attribute from ServletContext?

A. String getAttribute(int index)

B. String getObject(int index)

C. Object getAttribute(String name)

D. String getAttribute(String name)

Ans: C

9) How can a Servlet call a JSP error page ?

A. This capability is not supported.

B. When the servlet throws the exception, it will automatically be caught by the calling JSP page.

C. The servlet needs to forward the request to the specific error page URL. The exception is passed along as an attribute named "javax.servlet.jsp.jspException".

D. The servlet needs to redirect the response to the specific error page, saving the exception off in a cookie.

Ans: C.

10) JSP pages have access to implicit objects that are exposed automatically. One such object that is available is request. The request object is an instance of which class?

A. HttpRequest

B. ServletRequest

C. Request

D. HttpServletRequest

Ans: D

11) Implementations of the \_\_\_\_\_\_\_\_ interface are notified of changes to the list of active sessions in a web application.

A. HttpSessionListener

B. HttpSessionAttributeListener

C. HttpRequestListener

D. HttpContextListener

Ans: A

12) A JSP page needs to generate an XML file. Which attribute of page directive may be used to specify that the JSP page is generating an XML file.

A. contentType

B. generateXML

C. type

D. outputXML

Ans: A

13) What is the key difference between using forward and HttpServletResponse.sendRedirect()?

A. forward executes on the client while sendRedirect() executes on the server.

B. forward executes on the server while sendRedirect() executes on the client.

C. forward and sendRedirect() executes on both client and server.

D. The two methods perform identically.

ANS: B

14) What is legal about JSP scriplets.

A. A loop can begin in one Scriptlet and end in another

B. Statements in Scriptlets should follow Java Syntax

C. Semicolon is needed at the end of each statement in a Scriptlet

D. All the above

ANS: D

15) Why DB connections are not written directly in JSPs ?

A. Response is slow

B. Not a standard J2EE architecture

C. Load Balancing is not possible

D. Both B. and C.

Ans: D

16) Why beans are used in J2EE architecture in stead of writing all the code in JSPs ?

A. Allows separation of roles between web developers and application developers

B. Allows integration with Content Management tools

C. To simplify the code.

D. Both A and B.

Ans: A

17) Which are JSP scripting elements and what are they?

A. Declarations

B. Scriptlets

C. both A & B

D. none of the above

Ans: C

18) You are asked to compare if myStrVariable is equal to 'Z' using struts if condition tag.Which of the following is correct?

1. <s:if test="myStrVariable == 'Z'">

Condition met!!

</s:if>

B. <s:if test='myStrVariable == "Z"'>

Condition met!!

</s:if>

1. <s:if test='myStrVariable == 'Z''>

Condition met!!

</s:if>

1. All of the above

Ans: B

19) You have created a action class called TakeTestAction to dispatch to takeTest.jsp and have configured in struts.xml. The class has only one method named perform() and does not have execute() method.

Which of the following is true?

A. While building the application, compile error is thrown.

B. While accessing the action, an exception is thrown

C. takeTest.jsp is displayed

D. takeTest.jsp is displayed, if the struts.devMode is set to true in struts.properties.

Ans: B

20) Which of the following statement(s) is true about Struts 2?

A. Different custom RequestProcesser can be attached to per struts module.

B. HttpSession object can be accessed from Action class by invoking ActionContext.getContext().getSession()

C. RequestProcesser is replaced with Interceptors in Struts 2.

D. Only one custom RequestProcesser can be attached per web application.

Ans: A

21) Which of the following is true about the code segment below?

<s:form action="ForgotPassword" validate="true">

<s:textfield key="userid"/>

<s:submit/>

</s:form>

A. Validation is enabled at the server side based on the configurations in <action class>-validaiton.xml.

B. JavaScript client validation code is generated by the framework.

C. validate() method of the ActionForm class gets called when the form is submitted.

D. None of the above

Ans: B

22) A simple java application uses Hibernate core to access db. Which of the following statements are true?

A. Hibernate gets initialized when the application starts.

B. Hibernate gets initialized when one calls first db access Query object.

C. Hibernate gets initialized when a SessionFactory is created.

D. Hibernate gets initialized when first session gets created

Ans: C

23) Which of the following statements are true ?

A. In Hibernate the persistent beans should implement Serializable interface

B. Hibernate require a constructor with no arguments for every persistent class and the constructor should be public

C. Hibernate require a constructor with no arguments for every persistent class and the constructor can be Private.

D. All the above

Ans: B

24 ) Which of the following identifier - generator modules are defined in Hibernate core?

A. Auto

B. Column

C. Sequence

D. Table

Ans: C

25) What are the different types of EJB?

A. Entity Bean

B. Session Bean

C. Message Driven Bean(MDB)

D. All of the above

Ans: D

26) \_\_\_\_\_\_\_\_ contain information which is required to both session and entity bean.

A. JNDI context

B. EjbContext

C. Initial Context

D. Session Context

Ans: B

27) Which are the parts of the message?

A. A message header

B. Message properties

C. Optional message body

D. All of the above

Ans: D

28) The JMS API are provided in the Java package \_\_\_\_\_\_\_\_ package.

A. system.jms

B. java.jms

C. javax.jms

D. jms.\*

Ans: C

29) JMS supports messages that contain \_\_\_\_\_\_\_\_\_ Java objects

A. nonserialized

B. serialized

C. dynamic

D. A and C are true

Ans: B

30) What is a thin-client application?

A. A browser that uses a plug-in to process user data.

B. A distributed application where the client program does not process data but instead passes data for processing to an enterprise bean running on an application server.

C. An application that cannot be stopped by a firewall.

D. An application compiled with the -thin option of the javac command.

Ans: B

31) What advantage does an entity bean have over a session bean?

A. Entity bean data survives crashes.

B. An entity bean represents non-persistent data.

C. It creates its own JAR file during deployment.

D. You get authentication code without having to write any.

Ans: A

32) When do you use a session bean?

A. When you want to be certain your application data persists between program invocations, even in the event of a crash.

B. If you need to initiate a database transaction.

C. To process transient data that can be re-created in the event of a crash.

D. To keep people who do not know how to program from accidentally changing important logic code.

Ans: C

33) ejbCreate() method of CMP bean returns.

A. null

B. Primary Key class

C. Home Object

D. Remote Object

Ans: A

34) What could not return a Spring MVC controller?

A. An absolute path to the view

B. A logical view name

C. A new JstlView

D. void

Ans: A

35) What are the features of the XML context namespace?

A. @Transactional annotation scanning

B. @Aspect annotation detection enabling

C. @Autowired annotation scanning

D. @Component annotation scanning

Ans: D

36) Where do you cannot declare Spring MVC controller?

A. In a Spring application context XML configuration file

B. Into the web.xml file of the web application(ans)

C. Into the java code by using annotations

D. All of the above

Ans: B

37) What is the default rollback policy in transaction management?

A. Rollback for any Exception

B. Rollback for RuntimeException

C. Rollback for checked exceptions

D. Always commit

Ans: B

38) What is a pointcut?

A. Code to execute at a join point

B. An advice and a jointpoint

C. An expression to identify joinpoints

D. None of the above

Ans: C

39) What is correct statements about AOP proxy?

A. AOP proxies are created by Spring in order to implement the aspect contracts

B. AOP proxies are always created with a JDK dynamic proxy

C. Only classes that implements a least one interface could be proxied

D. All methods could be proxied

Ans: A

40) Which of the following is used to locate and describe web services?

A. SOAP

B. Web page

C. WSDL

D. UDDI

Ans: C