**ch 9, 10, 11**

1. Database connection mechanism provided by jdbc are--

a. java.sql.DriverManager

b. javax.sql.DataSource

c. DriverManager

d. DataManager

2. Which approaches are correct for O/R persistence hibernate framework?

a. Top-Down

b. Bottom-up

c. Middle-out

d. Meet-in-the middle

3. Choose the correct answers about JDO

a. It provides standard API to enable the persistence storage

b. It provides same benefits as O/R

c. JDO includes an object query language

d. JDO is a fairly small API

4. EJB supports the following components

a. entity beans

b. session beans

c. message beans

d. managed beans

5. Entity bean is persisted by which of the following mechanisms?

a. container-managed persistence

b. bean-managed persistence

c. only container-managed persistence

d. only bean-managed persistence

6. Advantages of EJB are-

a. Built-in O/R framework

b. Scalability and high performance

c. Declarative transaction support

d. Declarative object support

7. Filter can be used to do the following-

a. Inspect the response header

b. Provide a modified version of the request

c. Stop a request from reaching a resource altogether

d. All of them

8. Which one is correct?

a. doFilter() method is called for the first time

b. doFilter() method contains logic of the filter

c. We have to implement javax.servlet.Servlet interface

d. All of them

9. For filter mapping which are correct?

a. <filter-mapping>

<filter-name>p</ filter-name>

<servlet-name>q</ servlet-name>

</filter-mapping>

b. <filter-mapping>

< servlet -class>p</ filter-class>

<servlet-name>q</ servlet-name>

</filter-mapping>

c. <filter-mapping>

<filter-name>p</ filter-name>

<url-pattern>/\*</ url-pattern>

</filter-mapping>

d. <filter-mapping>

<filter-name>p</ filter-name>

<url-pattern>/\*</ url-pattern>

<dispatcher>request</ dispatcher>

<dispatcher>include</ dispatcher>

</filter-mapping>

10. Which of the followings is correct?

a. State information can be maintained via global variables in doFilter()

b. Filters are positioned between the application server and the database

c. Filters can handle the pre and post processing of request for resources

d. All of them

11. Which filter that disallows access to the server during certain hours of the day?

a. Auditing

b. Authentication

c. Adapter

d. Authorization

12. Transferring outgoing response content technique is used for?

a. Adapter filter

b. Auditing filter

c. Authentication filter

d. All of them

13. Pipeline Model is similar to?

a. MVC

b. push model

c. pull model

d. All of them

14. Pipeline model provides?

a. Applications are more maintainable

b. Web application whose performance is highly optimization

c. Applications are adaptable

d. All of them

15. doFilter() throws what type of exception?

a. IOException

b. ServletException

c. UnknownHostException

d. ArithmeticException

16. Choose the incorrect answer?

a. In downstream request travels from the client through the first filter through the second filter and so on

b. Legacy Adapter filter do not used to map the IP

c. init() method is called to set the FilterConfig object for the filter

d. ReplaceContentOutputStream class used to wrap to modify its content.

17. The Need for Custom Tags

a) Reusability

b) Readability

c) Maintainability

d) All of the Above

18. Tag files location is

a) WEB-INF

b) tags

c) WEB-INF/tlds

19. Using JDBC in which class is used for maintaining connection.

a) javax.sql.DataSource

b) java.sql.DriverManager

c) org.gjt.mm.mysql.Driver

20. The main advantages of using an O/R framework over JDBC are --

a) Easier to program.

b) Better maintenance.

c) Better performance.

d) Better cross-database support.

21. Filtering is a standard feature of all Servlet 2.5–compliant containers. which is not filter jobs,

a) authentication.

b) auditing.

c) compression.

d) encryption

e) on-the-fly format transformation.

f) online transfer business logic.

22. the javax.servlet.Servlet interface, there are three life-cycle methods that a filter must implement which is not life-cycle.

a) init

b) dofilter

c) destroy

d) service