Study Flashcards

2.
Maven typical repository location is in in.
- a) rep folder
- b) jar folder
- **c) .m2 folder of users.**
- d) none of the above.

3.
While using request chaining scenario in page navigation, which should be minimum scope of server side attributes?
- a) A: page scope
- **b) B: request scope**
- c) C: session scope
- d) D: application scope.

4.
What will you use, to override JSP life cycle methods?
- **a) JSP Declaration**
- b) JSP Scriptlet
- c) JSP Expression
- d) EL syntax

5.
In Front Controller based MVC, what is the role of front controller?
- a) Business Logic
- b) Presentation Logic
- **c) Centralized dispatcher**
- d) UI

8.
Which of the following is not accessible via JSP EL syntax?
- a) pageContext
- b) sessionScope
- c) param
- **d) session**

11.
Which of the following attributes are inherently thread un safe?
- a) Page Scoped attributes
- b) Request scoped attributes
- c) Session scoped attributes
- **d) Application scoped attributes**

13.
Which of the following is true for spring?
- **a) A: Default loading policy for singleton beans is eager**
- b) B: Default loading policy for prototype beans is eager
- c) C: Singleton beans are typically stateful
- d) D: Prototype beans are shared across multiple request via getBean

14.
Which of the following is true in spring framework?
   a) A: Automatic wiring is not supported
   b) B: Metadata to spring container can be supplied only using XML tags
   c) C: Spring container invokes destroy method of singleton beans
   d) D: Spring container doesn't invoke init method of prototype scoped beans

16.
Which of the following is a super interface of all Servlets?
   a) GenericServlet
   b) Servlet
   c) HttpServlet
   d) None of the above

17.
Which method gets called only once, when a request is made for the servlet first time
   a) init
   b) start
   c) destroy
   d) none of the above

20.
The interface commonly used during JNDI is
   a) Context
   b) Request
   c) Naming
   d) Connection

22.
An annotation @WebServlet is used at.
   a) Class level.
   b) Variable level.
   c) Package level
   d) It None of the above.

27.
Which of the following is true?
   a) L2 cache is implicitly enabled in hibernate.
   b) Query level cache is implicitly enabled in hibernate.
   c) L1 cache is implicitly enabled in hibernate.
   d) All of above

29.
HttpSession in servlet is got is got by using.
   a) HttpServletRequest
   b) HttpServletResponse
   c) RequestDispatcher
   d) All of the above

31.
Which of the following is used in the ServiceLayer of 3 tier application
   a) @Respository
   b) @Controller
   c) @Service
   d) all the above.

33.
Given in test,jsp

<jsp:useBean id="trader" class="beans.Trader" scope="session"/>
<jsp:setProperty name="trader" property="*"/>

In Trader bean class, 3 setter methods exist setName, setPrice, setExpiry

If client sends a request with URL
http://host:port/test_web/one.jsp?f1=vegetables&price=200&expiry=2019-12-31

How many setters will be called by web container?
   a) 0
   b) 1
   c) 2
   d) 3

34.
Which of the following annotations are used in Spring for web applications which return presentation Page name
   a) @Controller.
   b) @RestController
   c) @WebApp
   d) None of the above.

35.
Which of the following is a JNDI service.
   a) LDAP
   b) COS
   c) RMI
   d) All of the above

1.
Lib folder of typically jee web application, is present in
   a) inside web-inf folder
   b) outside web-inf folder
   c) in tomcat bin folder
   d) none of the above.

6.
A mechanism used to group information and send it to server, in html is called as
   a) input
   b) form
   c) group
   d) none of the above

7.
What can be said regarding saveOrUpdate method of hibernate?
      a) It can cause a transition from transient to persistent entity.
      b) It cause a transition from detached to persistent entity
      c) A & B
      d) D It causes a transition from persistent to detached entity.

9.
Spring related libraries typically come in.
   a) Sar files.
   b) jar files
   c) War files
   d) None of the above.

10.
In spring MVC, which of the following is mandatory for request handling controller?
A: Add @Controller as class level annotation

B: Add @RequestMapping on controller methods

C: A & B

D: None of above

12.
In Spring MVC based RESTful web services, which of the following is not required?
A. DispatcherServlet

B. HandlerMapping

C. Service Beans

D. View Resolver

15.
How to deploy a servlet context listener within a web application?
A: Using <listener> tag in web.xml

B: Using <web-listener> tag

C: Using @WebListener annotation

D: A & C

18.
ServiceLayer obj = context.getBean(ServiceLayer.class); in spring, this line means
   a) We are creating an object of class ServiceLayer
   b) We are calling the non-static function called ServiceLayer
   c) We are accessing a non-static function of ServiceLayer
   d) We are getting the object created by Spring.

19.
Which of the following statements is true about the load() method of Hibernate Session?
A: Returns a proxy by default

B: Returns null, if entity is not found

C: Load method is unsupported

D: Load method will always use eager fetching policy.

21.
Custom tags are used in
   a) **JSP**
   b) html
   c) servlet
   d) none of the above

23.
Expressions like <%! private int i; %> are written in
   a) **JSP**
   b) HTML
   c) Servlet
   d) While writing JDBC programs.

24.
Spring framework calling setter functions in java is, an example of
   a) **Dependency Injection**
   b) Inversion of control
   c) Aspect Oriented programming
   d) None of the above.

25.
In a bi directional one-to-many association, what will happen if mappedBy attribute is not specified?
A. Hibernate will not create the tables automatically.

B. Hibernate will throw MappingException

C. Hibernate will create additional table, having PKs of both the tables.

D. None of the above.

26.
In many-to-many relationship between Book & Author,
Consider JPQL = "select a form Author a where a.name=:name";
Suppose session was opened using getCurrentSession, query is executed, author object is returned in a1 & transaction is committed.
Afterwards, if you access System.out.println(a1. getBooks()) , what will happen?
A. select query will be fired on author & books table

B. Hibernate throws LazyInitializationException

C. Will display the book details by a specified author.

D. Will only display author details.

28.
Which default fetching policy JPA uses for one-to-one & one-to-many?
A. Eager & Lazy

B. Lazy & eager

C Eager & eager

D. Lazy & Lazy

30.
Which of the following is used in a web application based on Spring MVC?
A. View Resolver

B. Controller

C HandlerMapping

D. All of the above

32.
Which of the following is not a correct form of dependency injection?
A: Setter based D.I

B: Constructor based D.I

C: Getter Based D.I

D: Factory method based D.I

36.
Spring boot web application is configured typically in a properties file called.
   a) Spring.properties.
   b) Boot.properties.
   c) Application.properties
   d) None of the above.

37.
@Service, @Repository, these annotations are used in
   a) Hibernate
   b) Spring framework
   c) JSP
   d) None of the above.

38.
First Level cache and second level cache are words used during.
   a) Web applications JSP or java.
   b) Hibernate.
   c) HTML
   d) None of the above.

39.
To work with JDBC in spring we can consider using.
   a) Prepared Statement
   b) JDBCSQL
   c) JDBCTemplate
   d) None of the above.

40.
HTML is a
   a) Client side component
   b) Server side component
   c) Page component
   d) None of the above.