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SR.NO	Project NAME	Technology
1	Online E-Learning Platform Hub	React+Springboot+MySql
2	PG Mates / RoomSharing / Flat Mates	React+Springboot+MySql
3	Tour and Travel management System	React+Springboot+MySql
4	Election commition of India (online Voting System)	React+Springboot+MySql
5	HomeRental Booking System	React+Springboot+MySql
6	Event Management System	React+Springboot+MySql
7	Hotel Management System	React+Springboot+MySql
8	Agriculture web Project	React+Springboot+MySql
9	AirLine Reservation System / Flight booking System	React+Springboot+MySql
10	E-commerce web Project	React+Springboot+MySql
11	Hospital Management System	React+Springboot+MySql
12	E-RTO Driving licence portal	React+Springboot+MySql
13	Transpotation Services portal	React+Springboot+MySql
14	Courier Services Portal / Courier Management System	React+Springboot+MySql
15	Online Food Delivery Portal	React+Springboot+MySql
16	Muncipal Corporation Management	React+Springboot+MySql
17	Gym Management System	React+Springboot+MySql
18	Bike/Car ental System Portal	React+Springboot+MySql
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21	Job Portal web project	React+Springboot+MySql
22	LIC Insurance Portal	React+Springboot+MySql
23	Employee Management System	React+Springboot+MySql
24	Payroll Management System	React+Springboot+MySql
25	RealEstate Property Project	React+Springboot+MySql
26	Marriage Hall Booking Project	React+Springboot+MySql
27	Online Student Management portal	React+Springboot+MySql
28	Resturant management System	React+Springboot+MySql
29	Solar Management Project	React+Springboot+MySql
30	OneStepService LinkLabourContractor	React+Springboot+MySql
31	Vehical Service Center Portal	React+Springboot+MySql
32	E-wallet Banking Project	React+Springboot+MySql
33	Blogg Application Project	React+Springboot+MySql
34	Car Parking booking Project	React+Springboot+MySql
35	OLA Cab Booking Portal	React+NextJs+Springboot+MySql
36	Society management Portal	React+Springboot+MySql
37	E-College Portal	React+Springboot+MySql
38	FoodWaste Management Donate System	React+Springboot+MySql
39	Sports Ground Booking	React+Springboot+MySql
40	BloodBank mangement System	React+Springboot+MySql

41	Bus Tickit Booking Project	React+Springboot+MySql
42	Fruite Delivery Project	React+Springboot+MySql
43	Woodworks Bed Shop	React+Springboot+MySql
44	Online Dairy Product sell Project	React+Springboot+MySql
45	Online E-Pharma medicine sell Project	React+Springboot+MySql
46	FarmerMarketplace Web Project	React+Springboot+MySql
47	Online Cloth Store Project	React+Springboot+MySql
48	Train Ticket Booking Project	React+Springboot+MySql
49	Quizz Application Project	JSP+Springboot+MySql
50	Hotel Room Booking Project	React+Springboot+MySql
51	Online Crime Reporting Portal Project	React+Springboot+MySql
52	Online Child Adoption Portal Project	React+Springboot+MySql
53	online Pizza Delivery System Project	React+Springboot+MySql
54	Online Social Complaint Portal Project	React+Springboot+MySql
55	Electric Vehical management system Project	React+Springboot+MySql
56	Online mess / Tiffin management System Project	React+Springboot+MySql
57		React+Springboot+MySql
58		React+Springboot+MySql
59		React+Springboot+MySql
60		React+Springboot+MySql

Spring Boot + React JS + MySQL Project List

Sr.No	Project Name	YouTube Link
1	Online E-Learning Hub Platform Project	https://youtu.be/KMjyBaWmgzg?si=YckHuNzs7eC84-IW
2	PG Mate / Room sharing/Flat sharing	https://youtu.be/4P9clHg3wvk?si=4uEsi0962CG6Xodp
3	Tour and Travel System Project Version 1.0	https://youtu.be/-UHOBywHaP8?si=KHHfE_A0uv725f12
4	Marriage Hall Booking	https://youtu.be/VXz0kZQi5to?si=ILOS-QG3TpAFP5k7
5	Ecommerce Shopping project	https://youtu.be/vJ_C6LkhrZ0?si=YhcBylSErvdn7paq
6	Bike Rental System Project	https://youtu.be/FlzsAmIBCbk?si=7ujQTJqEgkQ8ju2H
7	Multi-Restaurant management system	https://youtu.be/pvV-pM2Jf3s?si=PgvnT-yFc8ktrDxB
8	Hospital management system Project	https://youtu.be/lynlouBZvY4?si=CXzQs3BsRkjKhZCw
9	Municipal Corporation system Project	https://youtu.be/cVMx9NVyl4I?si=qX0oQt-GT-LR_5jF
10	Tour and Travel System Project version 2.0	https://youtu.be/_4u0mB9mHXE?si=gDiAhKBowi2gNUKZ

Sr.No	Project Name	YouTube Link
11	Tour and Travel System Project version 3.0	https://youtu.be/Dm7nOdpasWg?si=P_Lh2gcOFhlyudug
12	Gym Management system Project	https://youtu.be/J8_7Zrkg7ag?si=LcxV51ynfUB7OptX
13	Online Driving License system Project	https://youtu.be/3yRzsMs8TLE?si=JRI_z4FDx4Gmt7fn
14	Online Flight Booking system Project	https://youtu.be/m755rOwdk8U?si=HURvAY2VnizlyJlh
15	Employee management system project	https://youtu.be/ID1iE3W_GRw?si=Y_jv1xV_BljhrD0H
16	Online student school or college portal	https://youtu.be/4A25aEKfei0?si=RoVgZtxMk9TPdQvD
17	Online movie booking system project	https://youtu.be/Lfjv_U74SC4?si=fiDvrhhrjb4KSIsm
18	Online Pizza Delivery system project	https://youtu.be/Tp3izreZ458?si=8eWAOzA8SVdNwlyM
19	Online Crime Reporting system Project	https://youtu.be/0UlzReSk9tQ?si=6vN0e70TVY1GOwPO
20	Online Children Adoption Project	https://youtu.be/3T5HC2HKyT4?si=bntP78niYH802I7N

Q. No. 1

Question:

Which of the following is true for a distributed multi tier application?

Answer Choices

- A: only one process is present in the application
- B: at least 2 processes are present in the application
- C: only 2 processes are present in the application
- D: no process is present in the application

Difficulty Level: Intermediate

Correct Answer: B

Q. No. 2

Question:

A web server is also called as which of the following?

Answer Choices

- A: http server
- B: browser
- C: database server
- D: RMI server

Difficulty Level: Intermediate

Correct Answer: A

Q. No. 3

Question:

A java program acts as which of the following in a JDBC application?

Answer Choices

- A: a database server
- B: a database client
- C: both A and B

D: none of the above

Difficulty Level: Easy

Correct Answer: B

Q. No. 4

Question:

The executeQuery method in JDBC Statement returns which of the following data type?

Answer Choices

A: int

B: boolean

C: ResultSet

D: void

Difficulty Level: Intermediate

Correct Answer: C

Q. No. 5

Question:

Which of the following statement object can be attached to only one query?

Answer Choices

A: Statement

B: PreparedStatement

C: both A and B

D: none

Difficulty Level: Intermediate

Correct Answer: B

Q. No. 6

Question:

Which of the following is used to mark the beginning of a JDBC transaction ?

Answer Choices

A: connection.setAutoCommit(false);

B: connection.setAutoCommit(true);

C: begin

D: startTx

Difficulty Level: Difficult

Correct Answer: A

Q. No. 7

Question:

Servlet is used for which of the following?

Answer Choices

A: adding server side programming

B: dynamic page generation;

C: session management

D: all the above

Difficulty Level: Easy

Correct Answer: D

Q. No. 8

Question:

The setContentType method is called on which type of object in servlet?

Answer Choices

A: Servlet object

B: HttpServlet object;

C: HttpServletResponse object

D: HttpServletRequest object

Difficulty Level: Intermediate

Correct Answer: C

Q. No. 9

Question:

What is the output of a servlet or a jsp?

Answer Choices

A: always html page

B: always plain text page

C: valid http response

D: none of the above

Difficulty Level: Easy

Correct Answer: C

Q. No. 10

Question:

Which of the following is an http method?

Answer Choices

A: GET

B: TAKE

C: USE

D: REMOVE

Difficulty Level: Easy

Correct Answer: A

Q. No. 11

Question:

Which of the following method will be called when a servlet gets a “GET” http request ?

Answer Choices

- A: init
- B: doGet
- C: doPost
- D: destroy

Difficulty Level: Intermediate

Correct Answer: B

Q. No. 12

Question:

Which of the following class represents the servlet container within a servlet ?

Answer Choices

- A: HttpServlet
- B: ServletContext
- C: ServletConfig
- D: ServletContainer

Difficulty Level: Intermediate

Correct Answer: B

Q. No. 13

Question:

The interceptor used in servlet is called as which of the following?

Answer Choices

- A: interceptor
- B: filter
- C: inter-servlet

D: none of the above

Difficulty Level: Easy

Correct Answer: B

Q. No. 14

Question:

Which object holds the session related data in servlet ?

Answer Choices

A: HttpServlet

B: HttpSession

C: Cookie

D: Servlet

Difficulty Level: Easy

Correct Answer: B

Q. No. 15

Question:

Which of the following is used to achieve request sharing between servlets ?

Answer Choices

A: RequestDispatcher

B: sendRedirect

C: both A and B

D: none

Difficulty Level: Intermediate

Correct Answer: A

Q. No. 16

Question:

Which of the following notation can have functions inside it in JSP?

Answer Choices

- A: <% %>
- B: <%= %>
- C: <%! %>
- D: none

Difficulty Level: Easy

Correct Answer: C

Q. No. 17

Question:

The JSP container converts JSP to servlet in which of the following conditions?

Answer Choices

- A: when the JSP is deployed in the web container
- B: when the JSP is requested for the first time
- C: every time a request is made for the JSP
- D: randomly

Difficulty Level: Intermediate

Correct Answer: B

Q. No. 18

Question:

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

Answer Choices

- A: session
- B: request
- C: response

D: dispatcher

Difficulty Level: Easy

Correct Answer: D

Q. No. 19

Question:

Which is least visibility scope for Java bean in JSP?

Answer Choices

A: session

B: request

C: application

D: page

Difficulty Level: Easy

Correct Answer: D

Q. No. 20

Question:

The import statement can be given in which of the following directives of JSP page?

Answer Choices

A: page

B: include

C: taglib

D: useBean

Difficulty Level: Intermediate

Correct Answer: A

Q. No. 21

Question:

The code written in scriptlet goes to which part of the converted servlet?

Answer Choices

- A: Outside the servlet class
- B: directly inside the servlet class
- C: in the `_jspService` method of the servlet class
- D: all the above

Difficulty Level: Difficult

Correct Answer: C

Q. No. 22

Question:

Which of the following is true for sessions in JSP?

Answer Choices

- A: by default first request to JSP page creates a new session
- B: new session can be created in JSP only by using `HttpSession.getSession()` method
- C: no sessions can be created in JSP
- D: sessions cannot be deactivated in JSP

Difficulty Level: Easy

Correct Answer: A

Q. No. 23

Question:

Which of the following is NOT true for the bean used in JSP?

Answer Choices

- A: bean must be packaged class
- B: bean must have a public no-args constructor

C: both A and B

D: none of the above

Difficulty Level: Intermediate

Correct Answer: C

Q. No. 24

Question:

The useBean action in JSP is used for which of the following?

Answer Choices

A: to tightly couple java code with view of jsp

B: to decouple java code and view of jsp

C: to use java code instead of html in jsp

D: to use html instead of java code in jsp

Difficulty Level: Intermediate

Correct Answer: B

Q. No. 25

Question:

What is the purpose of JSF?

Answer Choices

A: Used as ORM

B: Used as a naming service

C: framework for building web applications in Java

D: all the above

Difficulty Level: Intermediate

Correct Answer: C

Q. No. 26

Question:

Which of the following is NOT true for Hibernate?

Answer Choices

A: Hibernate is an ORM

B: Hibernate is part of JEE specification

C: Hibernate uses hibernate.cfg.xml to specify the connection configuration

D: none of the above

Difficulty Level: Intermediate

Correct Answer: B

Q. No. 27

Question:

The java archive file deployed in a web application server has which of the following extension?

Answer Choices

A: jar

B: ear

C: war

D: tar

Difficulty Level: Easy

Correct Answer: A

Q. No. 28

Question:

Which of the following are types of web services?

Answer Choices

A: Soap based web services

B: Restful Web services

C: Both A and B

D: servlet web services

Difficulty Level: Easy

Correct Answer: C

Q. No. 30

Question:

Which of the following technologies form the middle tier of an enterprise application?

Answer Choices

A: jms

B: jndi

C: ejb

D: all the above

Difficulty Level: Easy

Correct Answer: D

Q. No. 31

Question:

What is the difference between the purpose of struts and spring framework?

Answer Choices

A: struts is used for web application only, spring can be used for any type of application

B: struts focuses on JSP generation, spring focuses on managing beans

C: both A and B

D: none of the above

Difficulty Level: Intermediate

Correct Answer: C

Q. No. 32

Question:

Which of the following is true for EJB?

Answer Choices

A: EJB is a front end component

- B: EJB is a backend component
- C: EJB is a middle layer component
- D: all the above

Difficulty Level: Easy

Correct Answer: C

Q. No. 33

Question:

EJB requires which of the following server?

Answer Choices

- A: RMI server
- B: Web server
- C: Database server
- D: Application server

Difficulty Level: Easy

Correct Answer: D

Q. No. 34

Question:

EJB is packaged into which of the following archives?

Answer Choices

- A: jar
- B: war
- C: both A and B
- D: none

Difficulty Level: Easy

Correct Answer: A

Q. No. 35

Question:

Which of the following is a not valid type of EJB3.0 bean?

Answer Choices

A: stateful session bean

B: message driven bean

C: Bean managed persistent bean

D: stateless session bean

Difficulty Level: Intermediate

Correct Answer: C

Q. No. 36

Question:

The life cycle of MDB is similar to which of the following?

Answer Choices

A: stateful session bean

B: CMP

C: Bean managed persistent bean

D: stateless session bean

Difficulty Level: Intermediate

Correct Answer: D

Q. No. 37

Question:

State of each client is maintained in which of the following beans?

Answer Choices

A: stateful session bean

B: CMP

C: Bean managed persistent bean

D: stateless session bean

Difficulty Level: Easy

Correct Answer: A

Q. No. 38

Question:

Which of the following can be ejb client?

Answer Choices

A: a swing application

B: a servlet

C: a jsp

D: all the above

Difficulty Level: Easy / Intermediate / Difficult

Correct Answer: D

Q. No. 39

Question:

EJB uses which of the following component to publish its remote bean?

Answer Choices

A: JMS

- B: JNDI
- C: RMI Registry
- D: all the above

Difficulty Level: Intermediate

Correct Answer: B

Q. No. 40

Question:

Which of the following is a ejb life cycle method?

Answer Choices

- A: ejbPut
- B: ejbStart
- C: ejbActivate
- D: ejbStop

Difficulty Level: Easy

Correct Answer: C

Q. No. 41

Question:

Which of the following is true for JPA?

Answer Choices

- A: JPA provides an ORM implementation
- B: JPA is a specification for pooling api
- C: JPA is a specification that gives common api to access different ORM implementations.
- D: none of the above

Difficulty Level: Intermediate

Correct Answer: C

Q. No. 42

Question:

What is a JPA entity?

Answer Choices

- A: Class annotated by @entity annotation
- B: The instances of this class are persisted in the database
- C: The class whose attributes may be mapped to columns of database table.
- D: All the above

Difficulty Level: Intermediate

Correct Answer: D

Q. No. 43

Question:

What is true about JPA EntityManager?

Answer Choices

- A: EntityManager represents the JPA container
- B: The entities managed by EntityManager propagates changes to the database
- C: When EntityManager is closed the managed entities are detached
- D: All the above

Difficulty Level: Intermediate

Correct Answer: D

Q. No. 44

Question:

What causes the entity manager to move an Entity instance from the detached to the managed state?

Answer Choices

- A: persist()
- B: merge()
- C: manage()
- D: remove()

Difficulty Level: Intermediate

Correct Answer: B

Q. No. 45

Question:

Which of the following is true for JMS?

Answer Choices

- A: It is synchronous communication between 2 processes
- B: It is asynchronous communication between 2 processes
- C: Both A and B
- D: none of the above

Difficulty Level: Intermediate

Correct Answer: B

Q. No. 46

Question:

Which of the following is a JMS destination?

Answer Choices

- A: Topic
- B: EJB
- C: Servlet
- D: none

Difficulty Level: Easy

Correct Answer: A

Q. No. 47

Question:

Which of the following is true for JNDI?

Answer Choices

- A: it is used to publish objects by a name
- B: processes lookup the jndi to find objects
- C: it maintains a tree structure for namespace
- D: all the above

Difficulty Level: Intermediate

Correct Answer: D

Q. No. 48

Question:

Which of the following is not a module in Spring Framework?

Answer Choices

- A: DAO
- B: AOP
- C: IOC
- D: JEE

Difficulty Level: Intermediate

Correct Answer: D

Q. No. 49

Question:

Which of the following is true for Spring?

Answer Choices

- A: Spring container can be executed as a standalone application
- B: Spring container can be embedded in a web server
- C: Spring container can be embedded in application server
- D: All the above

Difficulty Level: Intermediate

Correct Answer: D

Q. No. 50

Question:

Which of the following is topmost element in the hierarchy of the Spring IoC container?

Answer Choices

A: ApplicationContext

B: XMLBeanFactory

C: BeanFactory

D: WebApplicationContext

Difficulty Level: Intermediate

Correct Answer: C

Q. No. 51

Question:

How does Spring container load configuration metadata from a variety of external resources such as the local file system from the Java CLASSPATH ?

Answer Choices

A: ApplicationContext constructor

B: init

C: Context constructor

D: ClassPathXMLApplicationContext constructor

Difficulty Level: Intermediate

Correct Answer: D

Q. No. 52

Question:

What do you mean by a bean?

Answer Choices

- A: component
- B: class
- C: container
- D: xml container

Difficulty Level: Easy

Correct Answer: A

Q. No. 53

Question:

Which of the following is a method to instantiate a Spring IOC container?

Answer Choices

- A: new ClassPathXmlApplicationContext(new String[] {"beans-definitions.xml"})
- B: new XMLClassPath("beans-definitions.xml");
- C: new BeanFactory("beans-definitions.xml");;
- D: none of the above

Difficulty Level: Difficult

Correct Answer: A

Q. No. 54

Question:

EJB3 supports annotations as well as deployment descriptors?

Answer Choices

- A: true
- B: false
- C: cant say
- D. unknown

Difficulty Level: Intermediate

Correct Answer: A

Q. No. 55

Question:

What is the default scope of a bean in spring?

Answer Choices

A: singleton

B: prototype

C: session

D. none of these

Difficulty Level: Intermediate

Correct Answer: A

Q. No. 56

Question:

The java archive file deployed in a web application server has which of the following extension?

Answer Choices

A: jar

B: ear

C: war

D: tar

Q. No. 57

Question:

Which of the following is not a JEE compliant server?

Answer Choices

A: tomcat

B: IIS

C: glassfish

D: weblogic

Q. No. 58

Question:

Which of the following JDBC driver is platform independent?

- A: type1 B: type4
C: both A and B D: none

Q. No. 59

Question:

Which of the following JDBC component converts java code to database understandable form?

- A:** Driver B: DriverManager
C: ResultSet D: Connection

Q. No. 60

Question:

Which of the following JDBC statement is used to call stored procedures from java program?

- A: Statement B: PreparedStatement
C: **CallableStatement** D: none

Q. No. 61

Question:

Which of the following is used to mark the end of transaction scope in simple jdbc transaction?

- A: `connection.commit()` B: `connection.rollback()`
C: **both A and B** D: none

Q. No. 62

Question:

Servlet component is deployed in which JEE container?

- A:** web container B: ejb container
C: hibernate container D: applet container

Q. No. 63

Question:

Which of the following must be done while deploying a servlet?

- A: add applet tag to web.xml
- B: add servlet tag to web.xml
- C: add servlet-mapping tag to web.xml

D: both B and C

Q. No. 64

Question:

When the servlet object is created which of the following method is called by the servlet container?

- A: init**
- B: doGet
- C: doPost
- D: both A and B

Q. No. 65

Question:

The values in the http request can be retrieved within the servlet using which of the following method?

- A: get
- B: getParameter**
- C: doGet
- D: both A and B

Q. No. 66

Question:

Which class is used to share an attribute between all servlets in a web application?

- A: ServletContext**
- B: ServletConfig
- C: HttpSession
- D: All the above

Q. No. 67

Question:

In RequestDispatcher which method is used to send the same request and response objects to another servlet?

A: sendRedirect

B: forward

C: both A and B

D: none

Q. No. 68

Question:

A JSP Engine converts a JSP to which of the following?

A: another jsp

B: html

C: servlet

D: none

Q. No. 69

Question:

The code written in which of the following notations, is copied directly into the internal servlet class by the JSP Engine?

A: <% %>

B: <%= %>

C: <%! %>

D: none

Q. No. 70

Question:

Which of the following is true for include directive in JSP?

A: the included page is copied in the place of the directive at the time of JSP compilation

B: the control jumps to the included page at the time of execution

C: the included page is copied in the place of directive at every request to the JSP

D: none

Q. No. 71

Question:

Which directive is used to include custom directives in jsp?

A: taglib

B: include

C: page

D: useBean

Q. No. 72

Question:

Which of the following is/are true for JSP technology?

I. It is persistent.

II. Platform independent.

III. Browser executes the code.

A: only I

B: only II

C: I and II

D: III

Q. No. 73

Question:

Which of the following is an approach for state maintenance in Web applications?

A: URL Rewriting

B: Cookies

C: both A and B

D: none

Q. No. 74

Question:

Which of the following is a not valid output expression in JSP?

A: <%= System.out.println("hello"); %>

B: <%= new Integer(10); %>

C: <%= new String("hello"); %>

D: <%= Thread.currentThread().getName(); %>

Q. No. 75

Question:

Which of the following is a used to get the attribute values of a jsp bean?

A: <jsp:getProperty>

B: <jsp:useBean>

C: <jsp:setProperty>

D: All the above

Q. No. 76

Question:

Hibernate transaction can be started by which of the following statement?

A: connection.setAutoCommit(true);

B: session.beginTransaction();

C: startTx

D: All the above

Q. No. 77

Question:

The faces-config.xml contains which of the following?

A: servlet tag

B: url mapping tag

C: navigation rule

D: All the above

Q. No. 78

Question:

The full form of EJB is

A: Express Java Beans

B: Enterprise Java Beans

C: Entity Java Beans

D: All the above

Q. No. 79

Question:

Which of the following are not a container for EJB?

I. Internet Information Server.

II. Java System Application Server.

III. Tomcat.

IV. WebLogic.

A: I and II

B: I

C: I and III

D. III and IV

Q. No. 80

Question:

Which EJB usually represents persistent data?

A: session

B: entity

C: MDB

D. All the above

Q. No. 81

Question:

Which is true for MDB?

A: MDB is a JMS Sender

B: MDB is a JMS Receiver

C: Both A and B

D. none of the above

Q. No. 82

Question:

Which is true for stateful session bean?

A: pool is maintained

B: Activation and Passivation takes place

C: one bean instance is shared by multiple clients

D. none of the above

Q. No. 83

Question:

EJB3 supports annotations as well as deployment descriptors?

A: true

B: false

C: cant say

D. unknown

Q. No. 84

Question:

EJB3 provides which of the following features?

A: pooling

B: JMS receiver

C: RMI

D. All the above

Q. No. 85

Question:

The persistence feature is provided by which of the following in EJB 3?

A: CMP Entity beans

B: BMP Entity beans

C: JPA Entities

D. All the above

Q. No. 86

Question:

Which of the following can be used to instantiate beans?

A: Using bean constructor

B: Using static factory method

C: Using instance factory method

D. All the above

Q. No. 87

Question:

Which statements are true about the dependency injection in spring?

A: DI means that components and services are tightly coupled

B: DI means that we should not directly connect your components and services together in code but describe which services are needed by which components in a configuration file

- C: BOTH A and B
- D. None

Q. No. 88

Question:

Which of the following are techniques to implement inversion of control in spring?

- A: Using factory pattern
- B: Using Service locator pattern
- C: Using Dependency Injection
- D. All the above**

Q. No. 89

Question:

What is the default scope of a bean in spring?

- A: singleton**
- B: prototype
- C: session
- D. none of these

Q. No. 90

Question:

Which of the following is NOT a type of spring advice?

- A: Before
- B: After
- C: Around
- D. Inside**

Q. No. 91

Question:

In which life cycle state the JPA entity class is synchronized with the database?

- A: New
- B: Managed**
- C: Synchronized
- D. Detached

Q. No. 92

Question:

What causes the entity manager to move an Entity instance from the managed to the detached state?

A: detach

B: remove

C: unsynchronized

D. PersistenceContext closes at the end of transaction boundry

Q. No. 93

Question:

The struts framework is based on which of the following?

A: Applets and HTML

B: Servlet and JSP

C: ORM

D. All the above

Q. No. 94

Question:

In struts the dispatch from controller to the action class is based on the configurations that is provided by which of the following xml file?

A: struts-config.xml

B: struts-action-config.xml

C: struts-processor-config.xml

D. struts.xml

Q. No. 95

Question:

In struts which of the following acts as a bridge between user invoked URI and business method.

A: RequestProcessor

B: ActionServlet

C: Action class

D.HttpRequest

Q. No. 96

Question:

In struts which of the following method is overridden by the Action class

A: run()

B: doGet()

C: execute()

D.service()

Q. No. 97

Question:

Struts framework is based on which of the following architectures?

A: client-server

B: Observer

C: MVC

D.all the above

Q. No. 98

Question:

Which of the following is true about struts2 interceptors?

A: interceptors may be invoked before execute method

B: interceptors may be invoked after execute method returns a result

C: both A and B

D. none of the above

Q. No. 99

Question:

Which of the following are core components of struts 2?

A: Action class

B: interceptors

C: Result pages

D. all the above

Q. No. 100

Question:

Which of the following is not done by struts 2 interceptors?

- A: passing request params to action classes
- B: validation
- C: passing servlet API request, response to Action classes
- D. none of the above**

Q. No. 101

Question:

Which of the following is important method for interceptor chaining in struts2?

- A: execute
- B: invoke**
- C: run
- D. doGet

Q. No. 102

Question:

Action classes can be created in which of the following ways in struts2?

- A: By implementing Action Interface
- B: By extending ActionSupport class
- C: both A and B**
- D. none of the above

Q. No. 103

Question:

Are Struts 2 actions and interceptors thread safe?

- A: Yes**
- B: No
- C: only single thread is used in struts application
- D. none of the above

Q. No. 104

Question:

Which of the following should be added to JSP to use struts custom tags?

- A:** <%@ taglib uri="/struts-tags" prefix="s" %>
B: <%@ useBean uri="/struts-tags" prefix="s" %>
C: <%@ taglib uri="/struts-custom-tags" prefix="s" %>
D: none of the above

Q. No. 105

Question:

Which of the following states the use of hibernate mapping file?

- A:** Maps hibernate to JPA
B: Maps entity fields to table columns
C: both A and B
D: none of the above

Q. No. 106

Question:

What is the purpose of hibernate configuration file?

- A: Provide db connection parameters**
B: Maps entity fields to table columns
C: both A and B
D: none of the above

Q. No. 107

Question:

What is hibernate session?

- A:** interface between java application layer and hibernate
B: its life cycle marks the beginning and end of a transaction
C: both A and B
D: none of the above

Q. No. 108

Question:

Which of the following are the states of hibernate entity bean?

- A: transient
- C: detached

- B: persistent
- D. all of the above**

Q. No. 109

Question:

What happens if hibernate Entity Bean does not have a no-args constructor?

- A: compile time error

B: runtime HibernateException

- C: no problem
- D. none of the above

Q. No. 110

Question:

Which of the following is true about HQL ?

- A: It stands for Hibernate Query Language
- B: It has Objects instead of table names
- C: HQL is case insensitive for queries

D. all of the above

Q. No. 111

Question:

Which of these is true about deployment descriptors. Select one correct answer.

Answer Choices

A: The order of elements in deployment descriptor is important. The elements must follow a specific order.

B: The servlet-mapping element, if defined, must be included within the servlet element.

C: The elements of deployment descriptor are not case insensitive.

D: The web-app element must include the servlet element.

Q.No 112.

Question:

Which element of the deployment descriptor is used to specify the class of the Servlet. ?

Answer Choices

A: **<servlet-class>**

B: <servlet-name>

C: <servlet_class>

D: <servlet>

Q.No 113.

Question:

Are prepared statements actually compile?

Answer Choices

A: **Yes, they compiled**

B: No they are bound by the JDBC driver

C: They don't compile, but directly gets executed.

D: None of the above.

Q.No 114.

Question:

JDBC facilitates to java object by using which of the following PreparedStatement

1.setObject() 2.setBlob() 3.setClob()

Answer Choices

A: 1,2

B: **1,2,3**

C: 1,3

D: 2,3

Q.No 115.

Question:

Which driver is efficient and always preferable for using JDBC application?

Answer Choices

A: **Type – 4**

B: Type – 1

C: Type – 3

D: Type – 2

Q.No 116.

Question:

What method will get executed on clicking the following code.?

```
<form method="GET" action="/TestServlet">  
<input type="text" name="name">  
<input type="submit" value="Submit">  
</form>
```

Answer Choices

A: **GET**

B: POST

C: PUT

D: HEAD

Q.No. 117

Question:

If the HTTP error 500 is generated by your servlet, you do not want to show the "Internal Server Error" page to the client. Instead, you want a custom error page to be displayed. What is the best way to accomplish this?

Answer Choices

A. Forward the user to the error page using `HttpServletResponse.sendRedirect` method.

B. Forward the user to the error page using `RequestDispatcher.forward` method.

C. Specify the mapping of the error-code 500 and the error page in the deployment descriptor.

D. It is not possible to accomplish this.

Q.No 118.

Question:

Which of the following is an approach for state maintenance in Web applications?

Answer Choices

A: Hidden Form Field
C: Cookies

B: URL Rewriting
D: All of the above

Q.No 119.

Question:

Which is not a valid scope for Java bean in JSP?

Answer Choices

A: Page B: Session C: Request **D: Global.**

Q.No 120.

Question:

Which method of the servlet is/are called several times in its life?

Answer Choices

A: init() B: destroy() C: Both A and B **D: None of the above.**

Q.No 121.

Question:

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

Answer Choices

A: Request. B: Session. C: Response **D: Vector**

Q.No 122.

Question:

Which among the following will compile ?

Answer Choices

A: <% int x=10 %>

B: <%= "hello how are you" %>

C: <%= "hello" ;% >

D: <%! int x=10 %>

Q.No 123.

Question:

Which JSP tag is used to transfer processing to another JSP page?

Answer Choices

A: <jsp:include>

C: <jsp:redirect>

B: <jsp:forward>

D: <jsp:useBean>

Q.No 124.

Question:

Which of the following statements is true regarding the scope of 'request' in JSP?

Answer Choices

A: Objects with request scope are accessible from pages processing the same request where they were created.

B: All references to the object shall be released after the request is processed; in particular, if the request is forwarded to a resource in the same runtime, the object is still reachable.

C: References to objects with request scope are stored in the request object.

D: All of the above.

Q.No 125.

Question:

What are the life cycle phases in a JSF application?

Answer Choices

A: JSF have request, process validation, render response,invoke application,update model values.

B: JSF provide the services like Data Conversion,Validation,Error Handling,Model-View-Controller Architecture,Custom Component,Internationalization,Alternative Renderers.

C: A & B Both

D: None of the above.

Q.No 126

Question:

What is the use of the <h:graphicImage> Tag in JSF?

Answer Choices

A: Tag is used for displays an image in the HTML form.

B: Tag provide a feature-rich table control in HTML form.

C: Tag provide a link that acts like a pushbutton.

D: none

Q.No 127

Question:

What is the use of the <h:selectOneMenu> Tag?

Answer Choices

A: Tag provide a single-select menu in HTML form.

B: Tag provide a Multi-select menu in HTML form.

C: both

D: none

Q.No 128.

Question:

Which class provides a single-select menu in HTML form?

Answer Choices

A: com.sun.faces.taglib.html_basic.SelectOneMenuTag

B: com.sun.faces.taglib.html_basic.InputTextareaTag

C: both

D: none

Q.No 129

Question:

Which of the following is True ?

A: Hibernate is a framework.

B: Hibernate is an object-relational mapping (ORM) library for the Java language

C: Hibernate provides a mapping for object-oriented domain model to a traditional relational database.

D: All of the above

Q.No 130.

Question:

The Hibernate XML configuration file name is?

Answer Choices

A: hibernate.cfg.xml

B: hibernate.config.xml

C: hibernate.cg.xml

D: None

Q.No 131.

Question:

How to get a session object in hibernate ?

Answer Choices

- A: SessionFactory.getSession();
B: SessionFactory.openSession();
C: SessionFactory.get();
D: (session)SessionFactory.getObject();

Q.No 132.

Question:

What is the root level element in a hibernate mapping file?

Answer Choices

- A: <hibernate-mapping> B: <session-mapping>
C: <sessionfactory-mapping> D: none of the above

Q.No 133

Question:

MVC Stands for _____

Answer Choices

- A: Mobile View Control B: Model Vast control
C: **Model View Controller** D: None of the Above

Q.No 134.

Question:

Which of the following works as a controller in MVC?

Answer Choices

- A: **Servlet** B: Jsp C: Web.xml D: None of these

Q.No 135

Question:

Which of the following works as a View in MVC?

Answer Choices

A: Servlet **B: Jsp** C: Web.xml D: None of these

Q.No 136.

Question:

Which framework replaces MVC?

Answer Choices

A: Struts B: Hibernate C: EJB D: None of these

Q.No 137.

Question:

Which of the following acts as a front controller in Struts framework?

Answer Choices

A: ActionServlet B: Action class
C: Deployment descriptor D: None of the above

Q.No 138.

Question:

Struts Framework _____.

Answer Choices

A: should always decouple the application from a specific model implementation
B: provides model components

C: does not support EJB

D: has built-in support for the model

Q.No 139.

Question:

What is the limitation of creation ActionServlet Instance per web application?

Answer Choices

A: One

B:Two

C:Unlimited

D: None

Q.No 140

Question:

The session bean instances contain conversational state which must be retained across methods and transactions is _____?

Answer Choices

A: STATEFUL

B: STATELESS

C: CMP

D: All of the above

Q.No 141

Question:

Which of these is not JMS element?

Answer Choices

A: JMS provider

B: JMS producer

C: JMS consumer

D: JMS cookie

Q.No 142.

Question:

JMS supports messages that contain _____ Java objects

Answer Choices

A: nonserialized

B: serialized

C: dynamic

D: A and C are true

Q.No 143

Question:

The JMS API are provided in the Java package _____ package.

Answer choice:

A: system.jms

B: java.jms

C: javax.jms

D: jms.*

Q.No 144

Question:

AOP stands for ?

Answer choice:

A: Aspect Oriented Programming

B: Application Oriented Programming

C: Aspect Object Programming

D: none

Q.No 145

Question:

What is not a state in the EJB 3 Entity beans life cycle states?

Answer choice:

A: Removed

B: Passive

C: Detached

D: None of the above

Q.No 146

Question:

What is an Entity Bean?

Answer choice:

A: It is an object representing data which is fetched from and can be stored to a persistent data store.

B: It holds the state of the associated stateful session bean

C: It is the facade to access the system data store

D: None of the above

Q.No 147

Question:

Which of the following is not a type of EJB

Answer choice:

A: Session bean

B: Message-driven bean

C: Transaction bean

D: Entity bean

Q.No 148

Question:

Which of the following service EJB containers does not provide to Session beans?

Answer choice:

A: Caching and pooling

B: EJB life cycle management

C: HTTP requests management

D: RMI services

Q.No 149

Question:

What is NOT true about Entity beans?

Answer choice:

A: Entity beans can survive a system crash

B: Entity beans are not pooled

C: Entity beans are transactional

D: None of the above

Q No. 150

Question:

Which JDBC driver Type(s) is(are) the JDBC-ODBC bridge?

Answer choice:

A: Type 1

B: Type 2

C: Type 3

D: Type 4



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[+91 8007592194](tel:+918007592194) [+91 9284926333](tel:+919284926333)



codewitharrays@gmail.com



<https://codewitharrays.in/project>