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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
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25	RealEstate Property Project	React+Springboot+MySql
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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=llOS-QG3TpAFP5k7
5	Ecommerce Shopping project	https://youtu.be/vJ_C6LkhrZ0?si=YhcBylSErvdn7paq
6	Bike Rental System Project	https://youtu.be/FIzsAmIBCbk?si=7ujQTJqEgkQ8ju2H
7	Multi-Restaurant management system	https://youtu.be/pvV-pM2Jf3s?si=PgvnT-yFc8ktrDxB
8	Hospital management system Project	https://youtu.be/IynIouBZvY4?si=CXzQs3BsRkjKhZCw
9	Municipal Corporation system Project	https://youtu.be/cVMx9NVyI4I?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=HURvAY2VnizIyJlh
15	Employee management system project	https://youtu.be/lD1iE3W_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=fiDvrhhrjb4KSlSm
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

Advance Java CCEE Mock Test

Total points 13/40

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Questions

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✗ Assume that you need to write a JSP page that adds numbers from one to ten, and then print the output. *0/1

< % int sum = 0;

for(j = 0; j < 10; j++) { % >

// XXX --- Add j to sum

// YYY --- Display the sum

Which statement when placed at the location XXX can be used to compute the sum.

- ○ < % sum = sum + j % >
- ◉ < %= sum = sum + j; % > ✗
- ○ < %= sum = sum + j % >
- ○ < % sum = sum + j; % >

Correct answer

- ◉ < % sum = sum + j; % >

✗ What is the built-in library in Spring Boot used to serialize objects to JSON format? *0/1

- ◉ MessageConverter ✗
- ○ JsonFormatter
- ○ Gson
- ○ Jackson

Correct answer

- ◉ Jackson

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✓ Which of the following steps establishes a connection with a database? * 1/1

- ○ Import packages containing the JDBC classes needed for database programming.
- ○ Register the JDBC driver, so that you can open a communications channel with the database.
- ◉ Open a connection using the DriverManager.getConnection () method. ✓
- ○ Execute a query using an object of type Statement

✗ Which option is incorrect about Spring Framework? * 0/1

- ○ It offers only Java-based annotations for configuration options.
- ◉ It provides declarative support for caching, validation, transaction, and formatting ✗
- ○ It is a lightweight framework.
- ○ Spring applications are loosely coupled because of dependency injection.

Correct answer

- ◉ It offers only Java-based annotations for configuration options.

✗ In JPA, which one of the following annotation converts the date and time values from Java object to compatible database type and retrieves back to the application. *0/1

- ○ @Time
- ◉ @Timestamp ✗
- ○ @Date
- ○ @Temporal

Correct answer

- ◉ @Temporal

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✓ What annotation is used to map a method for PUT request? * 1/1

- (●) @PutMapping ✓
- ( ) @PostMapping
- ( ) @Post
- ( ) @Put

✓ Suppose you are working on a Spring based Web Application. Generally, there are three ways to implement a core feature of Spring framework in your application. Below are the three ways: *1/1

1) Using Annotation 2) Using XML configuration 3) Implementing Interfaces provided by Spring framework

Which option is correct if you want to define Bean Lifecycle methods in your project:

- ( ) Only Option (1)
- ( ) Option (1) & Option (2)
- ( ) Option (2) & Option (3)
- (●) All three ✓

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✗ After EntityManager is closed, entity is in a _____ state. * 0/1

- ( ) detached
- (●) persistent ✗
- ( ) managed
- ( ) dead

Correct answer

- (●) detached

✓ Which of the following is correct about Statement? * 1/1

- ○ Useful when you are using static SQL statements at runtime
- ○ The Statement interface cannot accept parameters.
- ○ Used for general-purpose access to your database
- ◉ All of given ✓

✗ What annotation is used to map value to the method argument in http://localhost/factorial/{value}? *0/1

- ◉ @RequestParam ✗
- ○ @Map
- ○ @PathVariable
- ○ @Param

Correct answer

- ◉ @PathVariable

✓ Which statement is wrong? * 1/1

- ○ HQL is ultimately generated into underlying SQL.
- ○ SQL operates on relations , HQL operates on objects.
- ◉ HQL is case insensitive for class names and properties ✓
- ○ HQL supports polymorphic queries

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✓ Which option is true for the role of BeanFactory in Spring Framework: * 1/1

- BeanFactory provides access to messages in i18n-style
- BeanFactory provides access to resources, such as URLs and files
- BeanFactory provides event propagation to beans implementing the ApplicationListener interface
- (●) BeanFactory provides the configuration framework and basic functionality ✓

✓ Which of the following files is the correct name and location of deployment descriptor of a web application. Assume that the web application is rooted at \doc-root. Select the one correct answer *1/1

- (●) \doc-root\WEB-INF\web.xml ✓
- \doc-root\dd.xml
- \doc-root\WEB_INF\dd.xml
- \doc-root\web.xml

✓ Which method in the HttpServlet class services the HTTP POST request? * 1/1

- doPOST(ServletRequest, ServletResponse)
- servicePost(HttpServletRequest, HttpServletResponse)
- doPost(ServletRequest, ServletResponse)
- (●) doPost(HttpServletRequest, HttpServletRespcinse ✓

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✕ Suppose you are working on a Hibernate-based application. You have two classes as below. You want to create a table into the database using hibernate ORM concept. *0/1

```
public class Employee {
  private int id;
  private Name name;
  private double salary;
  // getters & setters
}
public class Name {
  private String firstName;
  private String lastName;
  //getters & setters
}
```

You want to create a table named 'employee' with 4 columns: Id, firstName, lastName, salary. Which option is correct to create the aforesaid table. Assume that table & column names are not case-sensitive

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```
public class Employee {
    @Id
    private int id;
    private Name name;
    private double salary;
    // getters & setters
}
@Embeddable
public class Name {
    private String firstName;
    private String lastName;
    // getters & setters
}
```

○ A

```
@Entity
public class Employee {
    @Id
    private int id;
    @Embedded
    private Name name;
    private double salary;
    // getters & setters
}
@Embedded
public class Name {
    private String firstName;
    private String lastName;
    // getters & setters
}
```

○ B

```
@Entity
public class Employee {
    @Id
    private int id;
    @Embedded
    private Name name;
    private double salary;
    // getters & setters
}

@Entity
public class Name {
    private String firstName;
    private String lastName;
    // getters & setters
}
```

```
@Entity
public class Employee {
    @Id
    private int id;
    @Embeddable
    private Name name;
    private double salary;
    // getters & setters
}
@Entity
public class Name {
    private String firstName;
    private String lastName;
    // getters & setters
}
```

◉ ✕

C

D

Correct answer

C

There are two entities in a application: Student & Address. A relation where One student can have multiple addresses and one address can accommodate multiple students in a bidirectional relationship. We doesn't want hibernate to create one additional table. Which of the following annotation and its attribute will you use to fulfil the given requirement? *0/1

- @OneToOne and MappedBy
- @ManyToOne and mappedBy
- @OneToMany and MappedBy
- @ManyToMany and mappedBy

Correct answer

@OneToMany and MappedBy

What is the purpose of @SpringBootConfiguration annotation in a Spring Boot web application? *0/1

- enables Spring Boot's auto-configuration mechanism
- scans on the package where the application is located
- disables additional configuration classes from the application
- enables registration of extra beans in the context

Correct answer

enables registration of extra beans in the context

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A bean with a property color is loaded using the following statement *0/1

< jsp:usebean id="fruit" class="Fruit"/ >

Which of the following statements may be used to set the of color property of the bean.

- < jsp:setColor name="fruit" property="color" value="white"/ >
- < jsp:setValue name="fruit" property="color" value="white"/ >
- < jsp:setColor id="fruit" property="color" value="white"/ >
- < jsp:setProperty name="fruit" property="color" value="white"/ >

Correct answer

- < jsp:setProperty name="fruit" property="color" value="white"/ >

Consider the following HTML page code: *0/1

```
< html >
   < body >
      < a href="/servlet/HelloServlet" >POST< /a >
   < /body >
< /html >
```

Which method of HelloServlet will be invoked when the hyperlink is clicked?

- doPost
- doGet
- servicePost
- doHref

Correct answer

- doGet

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For an entity class Car(id, model, year) which of these JPA queries is valid to fetch all the BMW cars? *0/1

- select c from Car c where c.model=:param1
- from Car c where c.model=:param1
- select * from Car c where c.model=:param1 ✗
- select c from Car c where c.model="bmw"

Correct answer

- select c from Car c where c.model=:param1

Session tracking can be achieved using * 0/1

- Hidden form fields
- URL Rewriting
- All of the given
- User authorisation ✗

Correct answer

- All of the given

Select the incorrect statement about BeanFactory in Spring Framework? * 0/1

- BeanFactory supports the Annotation-based dependency Injection
- BeanFactory instantiates beans whenever asked by the client application
- BeanFactory holds bean definitions
- BeanFactory is capable of creating associations between dependent objects while instantiating them ✗

Correct answer

- BeanFactory supports the Annotation-based dependency Injection

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✗ What gets printed when the following JSP code is invoked in a browser? * 0/1

< %= if(Math.random() < 0.5) % >

hello

< %= } else { % >

hi

< %= } % >

- (●) The string hi will always get printed. ✗
- ( ) The string hello will always get printed.
- ( ) The browser will print either hello or hi based upon the return value of random.
- ( ) The JSP file will not compile.

Correct answer

- (●) The JSP file will not compile.

✗ A POJO class written and this class to work as an entity to implement the ORM concept. What are the minimum required annotations we must use at the class to create a table in the database? *0/1

- (●) @Table, @Entity, @Id ✗
- ( ) @Id, @Entity
- ( ) @Id, @GeneratedValue
- ( ) @Column, @Entity, @Table

Correct answer

- (●) @Id, @Entity

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✗ < %@ page language="java" % > * 0/1

< % int x=0;

while(x<=10)

{

% >

out.println(%=x++%);

< %}% >

The output of the above JSP file is

- ○ Goes into infinite loop
- ○ prints 10 times out.println(%=x++% >
- ○ prints 1 to 9
- ◉ prints 1 to 10 ✗

Correct answer

- ◉ Goes into infinite loop

✗ How can you execute a stored procedure in the database? * 0/1

- ○ Call method execute() on a CallableStatement object
- ◉ Call method executeProcedure() on a Statement object ✗
- ○ Call method run() on a ProcedureCommand object
- ○ Call method execute() on a StoredProcedure object

Correct answer

- ◉ Call method execute() on a CallableStatement object

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✗ Name the class that includes the getSession method that is used to get the HttpSession object *0/1

- (●) HttpServletResponse ✗
- ( ) HttpServletRequest
- ( ) SessionConfig
- ( ) SessionContext

Correct answer

- (●) HttpServletRequest

✓ Which option is incorrect about @Component annotation? * 1/1

- ( ) It scans our application for classes annotated with @Component
- ( ) It supports Spring's auto-detection mechanism
- (●) It doesn't inject any specified dependencies ✓
- ( ) It instantiates classes whenever required

✗ Which of the following is not an advantage of Hibernate Criteria API? * 0/1

- ( ) Cannot order the result set
- ( ) Can add conditions while fetching results
- (●) Allows to use aggregate functions ✗
- ( ) Allows to fetch only selected columns of result

Correct answer

- (●) Cannot order the result set

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✓ What is the property used to change the port to 9090 in a Spring Boot application? *1/1

- port=9090
- server=9090
- Cannot be changed
- server.port=9090 ✓

✓ What is the key difference between using a < jsp:forward > and HttpServletResponse.sendRedirect()? *1/1

- forward executes on the client while sendRedirect() executes on the server
- The two methods perform identically.
- none
- forward executes on the server while sendRedirect() executes on the client ✓

✗ Which annotation binds a JPA Query parameter to a method argument? * 0/1

- @Param
- @QueryParam ✗
- @QueryParameter
- @RequestParam

Correct answer

- @Param

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✗ Which of the following method is static and synchronized in JDBC API? * 0/1

- executeUpdate()
- prepareCall() ✗
- executeQuery()
- getConnection()

Correct answer

- getConnection()

✗ Which of the following is correct about JDBC? * 0/1

- JDBC architecture decouples an abstraction from its implementation.
- JDBC follows a bridge design pattern.
- Both of the above.
- None of the above ✗

Correct answer

- Both of the above.

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✗ You are working in a Spring based web application. You declare the scope of a bean by using annotations. Select the option which is incorrect in declaring the scope. *0/1

```
@Component
@Scope("request")
public class Product {
 //some methods and properties
}
```

◉ A ✗

```
@Component
@Scope("session")
public class Product {
 //some methods and properties
}
```

○ B

```
@Component
@Sessionscope
public class Product {
 //some methods and properties
}
```

○ C

```
@Component
@SessionScope
public class Product {
 //some methods and properties
}
```

○ D

Correct answer

◉ C

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✓ Which packages contain the JDBC classes? * 1/1

◉ java.sql and javax.sql ✓

○ java.jdbc and javax.jdbc

○ java.rdb and javax.rdb

○ java.jdbc and java.jdbc.sql

✗ Interservlet communication can be achieved using * 0/1

- ○ ServletContext
- ◉ HttpServletContext ✗
- ○ HttpSessionContext
- ○ SessionContext

Correct answer

- ◉ ServletContext

✗ When a JSP page is compiled, what is it turned into * 0/1

- ○ Mailet
- ◉ Applet ✗
- ○ Application
- ○ Servlet

Correct answer

- ◉ Servlet

✗ Select the option which is true about BeanFactory & ApplicationContext in the Spring Framework * 0/1

- ○ When building most applications in a J2EE-environment, the best option is to use the BeanFactory, since it offers all the features of the ApplicationContext.
- ○ An ApplicationContext is a complete superset of a BeanFactory
- ◉ BeanFactory builds on top of the ApplicationContext. ✗
- ○ Any description of ApplicationContext capabilities and behavior should be considered to apply to BeanFactory as well.

Correct answer

- ◉ An ApplicationContext is a complete superset of a BeanFactory

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✓ Four annotations given below, are used in Spring Boot based application. Which one is the annotation of Spring Boot that is an alternative to Spring's standard @Configuration annotation? *1/1

- ○ @EnableAutoConfiguration
- ○ @ConfigurationPropertiesScan
- ◉ @SpringBootConfiguration ✓
- ○ @ConfigurationProperties

0 of 0 points

Feedback

NA

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