Rajdeep/ Chitra

Question Set 1:

1. What is Object?
2. Thread Synchronization
3. What is Hibernate and its features?
4. How to define relationship between Employee and address if employees may have multiple address and multiple phone numbers.  
   It is ‘Many to one’ relationship. How will you implement it in hibernate.
5. What is Join ? Difference between Inner Join and Outer Join.
6. What is MVC architecture.
7. Spring IOC/ Dependency Injection
8. What is GROUP BY clause ?
9. subquery vs join. What is better to use?
10. What Databases have you used so far and Which one you find better as compared to others. And Why?
11. Why Bootstrap is used? How Can We show and hide the div using Bootstrap?
12. Scenarios where you got stuck and how did you resolve it?

Question Set 2:

* What is an object in OOPS.
* Polymorphism, overloading and overriding
* Inheritance, types, which type of inheritance is supported in java
* Collections – difference between hashmap and hashset
* How can I maintain the order of insertion in a collection.
* Threads, life cycle of thread.
* How can you create a thread
* What is volatile and what is the use of synchronized keyword
* What is a singleton class and how will you create it, where can you use a singleton implementation.
* Life cycle of a JSP
* JSP vs servlet, how to write java code inside JSP.
* What is MVC architecture. What are model, view and controller.
* What is AOP?
* IOC, Dependency injection(DI) and types of DI
* What are the different modules in Spring?
* What are Spring beans?
* What does a bean definition contain?
* What is auto-wiring?
* Dispatcher servlet
* Different annotations used in spring

Rajaram

1. Brief me about yourself with Projects and technologies
2. What was your role in the project ?
3. What is dispatcher servlet?
4. What is @Controller and @Autowired?
5. Checked and unchecked exceptions with example?
6. Hashmap and what is the necessary steps to use an object as a key in hashmap ?
7. What is singleton ? Have you used it before if so when and where?
8. Have you worked on Threads? What is the way to restrict one thread to use one resource at a time?
9. What is Hash Code?
10. What are the collections used? Set, List
11. Difference between synchronised block and synchronised method?
12. Employee E1 = new Employee(); Getter setter method for Id and Name

E1.setId(123)

E1.setName(“ABC”)

Employee E2 = new Employee();

E2.setId(123)

E2.setName(“ABC”)

1. How many objects will be there in a set in this scenario?
2. List of 60 Emp Objects. Iterate the list and remove the Emp Id<50. What is the better approach - For Loop or Iterator?
3. Types of Exception -
4. How do you connect to the database from Java
5. Hibernate – How do you call a stored procedure?
6. What is prepared and callable statement?
7. What is IOC?
8. Difference between ClassNotFoundException Vs NoClassDefFoundError?
9. How to insert record using Hibernate?
10. How is Hibernate linked with database in Spring?
11. What is a bean

Question Set 2:

1. Brief me about yourself with Projects and technologies
2. What was your role in the project ?
3. What is final keyword ?
4. Can we make abstract class final and why ?
5. Static keyword.
6. Transient keyword.
7. Checked and unchecked exceptions with example?
8. Hashmap and what is the necessary steps to use an object as a key in hashmap ?
9. What is singleton ? Have you used it before if so when and where?
10. Have you worked on Threads? What is the way to restrict one thread to use one resource at a time?
11. What is Hash Code?
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13. Employee E1 = new Employee(); Getter setter method for Id and Name

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1. How many objects will be there in a set in this scenario?
2. List of 60 Emp Objects. Iterate the list and remove the Emp Id<50. What is the better approach - For Loop or Iterator?
3. Types of Exception -
4. Categories of predefined exceptions
5. Checked and Unchecked Exceptions
6. Public Final Employee E1 = new Employee() in a class. Will you be able to do E1.setId(123)?
7. How do you connect to the database from Java
8. Ibatis framework / Hibernate – How do you call a stored procedure?

Siva

1. Difference between full outer join and union?
2. how to count rows in sql without using count(\*)?
3. What is clustered and non-clustered index and its difference?
4. When index will degrade the performance of table query(select statement)?
5. SELECT \* from emp where emp\_id=’1234’, will  number column using with literal string work or not? Will index work or not ?
6. How to declare private variable in package ?
7. What is object and its use ?
8. How full table scan works , list down the difference identified between full scan and index scan?