## **COGNIZANT**

- 1. Self Introduction.
- 2. project explanation
- 3. What is hibernate and its annotations
- 4. spring boot annotations
- 5. @qualifier
- 6. java 8 features
- 7. stream API
- 8. And its implementation
- 9. @Autowired.
- 10. Dependency injection

#### **CAPGEMINI**

- 1. Java 8 features
- 2. Protected and default
- 3. Arraylist and linkedlist which u prefer and why
- 4. Abstract class and interface
- 5. Use of functional interface
- 6. @autowired.
- 7. @requestmapping and @ getmapping.
- 8. Can static be overridden.
- 9. Oops concept
- 10. Runtime polymorphism
- 11. Checked and unchecked exception
- 12. Final
- 13. Finally
- 14. Can object of abstract class be created
- 15. When to use interface and when to use abstract class
- 16. Method in serializable
- 17. Overloading and overriding
- 18. OnetoOne
- 19. How to connect 2 tables in spring application
- 20. Project explaination
- 21. Can we create constructot of an abstract class
- 22. Multicatch block and there order is increasing or decreasing

## **CITIUSTECH**

- 1. Hibernate factory session
- 2. Bean scopes
- 3. Dependency injection
- 4. Oops concept
- 5. Java 8 feature and implementation
- 6. Fail safe and fail fast iterator
- 7. Query to (count employee of table employee having Employee\_id, name and dept\_id and another table department having dept id as foreign key
- 8. Find no of employee based on deptid )
- 9. Program to find non repeating elements in array

- 10. @controller
- 11. How did u achieve Encapsulation.
- 12. ORM tool

# **UBQ** Technologies

- 1. Self introduction
- 2. Project explanation
- 3. Errors occurred while project.
- 4. OOPS concept
- 5. Arraylist and linkedlist
- 6. Final, finally and finalize
- 7. Throw, throws and throwable
- 8. Hashmap internal working
- 9. Which collection you prefer to remove duplicate elements of array and why?
- 10. JOINS(Query to find details of employee having salary >15000) even if query is wrong they check you know the logic or not
- 11. @springbootcontext
- 12. Sleep and wait(which one locks the thread)
- 13. Jsp life cycle
- 14. Abstract class and interface
- 15. What is multiple inheritance and why not possible in java
- 16. Java is pass by value or pass by reference
- 17. How to implement 2 interfaces in one class in springboot
- 18. Program to check and display if no is divisible by 2 display **First Name** else if divisible by 3 display **Last**Name if divisible by both 2 and 3 then display **Full Name**
- 19. Multicatch block and custom exception throwable
- 20. Super and this keyword
- 21. Why string immutable
- 22. How to create immutable class

## Collabera

- 1. Project explaination
- 2. Oops concept and pratical example
- 3. Java 8 features
- 4. Funtional interface implementation
- 5. Lambda's expression
- 6. Reverse a string
- 7. Web services
- 8. Restcontroller and controller
- 9. Actuator
- 10. @getmapping vs requestmapping
- 11. @autowire
- 12. IOC and Dependency Injection
- 13. Hibernate factory session
- 14. @query
- 15. Scopes of bean
- 16. Joins
- 17. Constraints in sql
- 18. Left join and right join
- 19. Optional class java 8 and its use
- 20. Iterator

- 21. Final and finally
- 22. What is synchronization
- 23. Spring vs springboot
- 24. Json over xml which is better
- 25. Composition and aggregation
- 26. Polymorphism

#### **ORACLE**

- 1. Project explainatin
- 2. What was the product of project
- 3. What were issues You faced? did you solve or analyze it?
- 4. Roles and responsibilties
- 5. Java 8 features
- 6. Oops concept and encapsulation
- 7. Abstract class and functional interface
- 8. Can we create object of abstract class
- 9. Can we create constructor in abstract class
- 10. Why functional interface if already having abstract class
- 11. Serialization
- 12. Synchronization
- 13. @Bean
- 14. IOC and dependency injection
- 15. Controller and restcontroller
- 16. @enableauto configuration use
- 17. Can we have separate xml configuration in spring boot with an existing application.properties file in an project and why?
- 18. Transient keyword
- 19. @component
- 20. @qualifier
- 21. Sleep and wait
- 22. Final and finally
- 23. Can final class be inherited?, can final variable be changed
- 24. How will you make bean only one instance(singleton)?
- 25. Throw and throws
- 26. Bean scopes
- 27. Overloading and overriding
- 28. ViewResolver
- 29. Types of exceptions
- 30. Microservices explanation
- 31. How did u communicate
- 32. Springboot over spring
- 33. Can we configure or override tomcat jasper
- 34. Hashmap internal working
- 35. Comparators and comparable
- 36. Fail fast and fail safe iterator
- 37. Spring MVC
- 38. Request mapping and getmapping
- 39. String immutable why

# MindBrowser(full deep in web and microservices and technologies used)

1. Project explaination

- 2. OOPS concept
- 3. Java 8 features
- 4. Final and finally
- 5. Angular
- 6. Xml vs json
- 7. View Resolver
- 8. Spring mvc
- 9. Mvc components
- 10. @controller and restcontroller
- 11. @pathvariable
- 12. Xml or Json which is preferred most
- 13. Request dispatcher
- 14. Fail fast and fail safe iterator
- 15. Scopes of bean
- 16. What is prototype
- 17. Spring security
- 18. Bean configuration file
- 19. Dependency injection and its types
- 20. IOC And types of IOC
- 21. @application context
- 22. Program to remove duplicate from array using collections
- 23. Flow of control in application of one transaction
- 24. Sql vs mysql
- 25. How does the Spring MVC flow look like? In other words, How does a DispatcherServlet know what Controller needs to be called when there is an incoming request to the Spring MVC
- 26. @springbootapplication
- 27. @component scan
- 28. @enableconfiguration, @beans
- 29. @component
- 30. @autowired
- 31. Session scope
- 32. Actuator and spring starter
- 33. ApplicationContext vs BeanFactory
- 34. Components of microservices
- 35. Spring cloud
- 36. Lazy load
- 37. Modelattribute
- 38. @Required
- 39. Pom.xml and web.xml

# **I-admin**

- 1. Project work
- 2. Daily work
- 3. Java 8 features
- 4. New example of functional interface(that is new interfaces which follow functional interface)
- 5. Hashmap vs concurrent hashmap
- 6. Can abstract class have a constructor
- 7. Final and finally
- 8. Exceptions
- 9. Hashmap program to add list into hashmap

- 10. Hashmap vs hashtable
- 11. Encapsulation, polymorphism, abstraction and runtime polymorphism
- 12. Why is request dispatcher used
- 13. Annotations
- 14. Get vs request
- 15. Comparator and comparable
- 16. Hibernate session factory
- 17. Singleton and prototype
- 18. @scope?
- 19. Eureka in microservices
- 20. Monolithic VS Microservices Architecture which you prefer and why
- 21. Spring security uses
- 22. Bounded Context?
- 23. Rest vs soap
- 24. Dependency injection
- 25. IOC
- 26. @controller vs @restcontroller
- 27. Actuators in spring boot

#### **IBM**

- 1. Oops concept
- 2. Java 8 features
- 3. Hibernate session factory and its function
- 4. Composition and aggregation
- 5. DDL, DML
- 6. Session code in hibernate
- 7. Why is string immutable
- 8. How to make a class immutable
- 9. Stream API methods
- 10. Multiple inheritance in java
- 11. Hibernate caching and its level 3
- 12. Polymorphism and its types
- 13. Is java pass by value or pass by reference
- 14. Insertion sort