IHUB TALENT MANAGEMENT

Core Java

1. What is Java?
2. Features of Java?
3. JDK vs JRE vs JVM?
4. Types of Memories in java?
5. What is JIT compiler?
6. What is Garbage Collector and how many ways we can call garbage collector?
7. Types of class loaders in java?
8. Explain main method in java?
9. Is java purely object oriented or not?
10. What is Object class?
11. What is hash code in java?
12. What is class and give me one real time example?
13. What is object and give me one real time example?
14. What is Abstraction and give me one real time example?
15. What is Encapsulation with example?
16. Method Overloading vs Method Overriding?
17. What is polymorphism and types of polymorphism?
18. What is API?
19. What is package?
20. What is singleton class?
21. What is constructor?
22. What is default constructor in java and how to see the default constructor in java?
23. Interface vs Abstract class?
24. this keyword vs super keyword?
25. What is native method in java?
26. What is String?
27. length vs length() method?
28. StringBuffer vs StringBuilder?
29. Difference between == and .equals() method?
30. Exception vs Error?
31. What is Exception and types of exceptions?
32. Difference between final, finally and finalize in java?
33. Arrays vs Collection?
34. What is Anonymous array?
35. What is Collection interface?
36. What is inheritance and types?
37. Why java does not support multiple inheritance?
38. List vs Set interface?
39. ArrayList vs Vector?
40. HashSet vs LinkedHasSet?
41. HashSet vs TreeSet?
42. What is Map interface?
43. HashMap vs LinkedHashMap?
44. HashMap vs TreeMap?
45. HashMap vs Hashtable?
46. Types of cursors in java?

47. Comparable vs Comparator interface?
48. What is multithreading?
49. Thread vs Process?
50. In how many ways we can create a thread in java?
51. What is thread scheduler?
52. Life cycle of a thread?
53. What is Daemon thread in java?
54. What is Deadlock in java?
55. What is inter-thread communication?
56. What is synchronization?
57. What is Functional interface?
58. What is marker interface?
59. What is lamda expression?
60. What is Stream API?
61. How to achieve multiple inheritances in java?

Advanced Java

1. What is JDBC?
2. Steps to develop JDBC application?
3. Types of drivers in JDBC?
4. Types of Connection objects?
5. Types of Statement objects?
6. Simple Statement vs PreparedStatement object?
7. What is DatabaseMetaData?
8. What is ResultSetMetaData?
9. Types of ResultSet object?
10. What is Batch Processing?
11. What is JDBC Connection pool?

1. What is Servlet?
2. What is web application?
3. What is web resource program?
4. Types of url patterns?
5. In how many formats we can display the data?
6. What is web container?
7. What is servlet Filter?
8. Explain servlet life cycle methods?
9. What is ServletConfig object?
10. What is ServletContext object?
11. What is RequestDispatcher object?
12. Scopes of Servlets?
13. What is stateless web application?
14. What is state full web application?
15. What is session tracking and its techniques?

1. What is JSP?
2. Servlet vs JSP?
3. JES class?
4. Types of tags in JSP?
5. Phases in JSP?
6. Implicit objects in JSP?
7. What is MVC in jsp?

Oracle

1. What is SQL?
2. Sub languages of SQL?
3. What is table?
4. delete vs truncate command?
5. What is constraint and types of constraints?
6. What is sequence?
7. What is view?
8. What is index?
9. What is synonym?
10. What is join and types of joins?
11. ROWID vs ROWNUM?
12. What is group by clause, having clause and order by clause?

1. What is PL/SQL?
2. PL/SQL procedure vs function?
3. What is cursor in PL/SQL?
4. What is package in PL/SQL?
5. What is trigger in PL/SQL?

Frameworks

1. What is spring boot?
2. Types of spring components?
3. Explain @SpringBootApplication annotation?
4. What is starter in spring boot?
5. What is spring boot CLI?
6. What is Actuator?
7. What are the embedded databases in spring boot?
8. What are the embedded servers in spring boot?
9. Where to do configurations in spring boot?
10. application.properties vs application.yml file?
11. @Controller vs @RestController
12. How to change default port number in spring boot?

13. Explain spring boot flow architecture?
14. How to create web application in spring boot?
15. How to communicate with database in spring boot?
16. List out some stereotype annotation?
17. List out some Rest Annotations?
18. How to handle exceptions in spring boot?
19. Monolithic Architecture vs Micorservice Architecture?
20. What is Microservice?
21. What is Eureka Server/Service Registry?
22. What is API gateway?
23. What is fault taurance?
24. What is RestTemplate in spring boot?
25. What is API and types of API's?

Tools

1. What is Maven?
2. What is GIT?
3. What is GITHUB?
4. What is Junit?
5. What is SDLC?
6. Phases of SDLC?
7. What is Docker?
8. What is Agile?
9. What is postman?