**JAVA DEVELOPER INTERVIEW QUESTION FOR (2-25 YEARS) EXPERENCE PERSONS [ MOSTLY ASKING MNC COMPANY LIKETCS,HCL,VIRTUSA,CAPGEMINI,CTS,DXC,INFOSYS,HEXAWARE,SCB,RBS … etc,,.]**

Core Java :

Oops :

1. What is abstraction,encapsulation,polymorphisam,inheritance.
2. Tell me inheritance Types.
3. Method overloading , overriding.
4. What is constructor and Types .

Delarations and access modifiers :

1. Explain modifiers like public , private , Default and protected.
2. What is Trasiant and volatile and explain brefly.
3. Difference b/w interface and abstract class.
4. Difference b/w static and instace.
5. What is static why using explain brefly

Java.lang.objectpackage :

1. Tell me about object class methods explain brefly.
2. Differe b/w .equals() and double operator(==) methods.
3. Differe b/w String and String buffer .
4. What is immutable why String is immutable.
5. Differe b/w String buffer and String buldier.
6. What is auto boxing and auto unboxing.

Exception Handiling :

1. What is exception and how tohandle.
2. Tell me about Exception hierarchay.
3. What is checked and unchecked exceptions.
4. Differe b/w throw and throws keywords.
5. Differe b/w throws and try, catch and finally.
6. Differe b/w final finally finalize() method .
7. Exception types tell me about null pointer exception intrupted exceptions etc ..
8. Write customized exception prog.

Collections :

1. Diff b/w Array and collection.
2. Diff b/w Array and ArrayList
3. Diff d/w List ,set and Map.
4. Diff d/wArrayList and LinkedList.
5. Diff d/w Vector and Stack.
6. Diff d/wHashSet and LinkedHashSet.
7. Diff d/wHashMap and LikedHashMap.
8. Diff d/wHashMap and Hashtable.
9. Diff d/w comparable and comparator.
10. Diff d/wEnumaration ,Iterator,ListIterator.
11. HashMapinnerflow .
12. Tell me about queue what is about queue.
13. Iterate map values prog.
14. What is concarentHashMap.
15. What is fail-fast and fail-safe.

Serilazation:

1. What is serilazation and De-serilazation.
2. What is marker interfaces.
3. Which sichvation will go for serilazation.

MultiThreding :

1. How many ways to create a Threds and explain brefly.
2. Diff d/wyeald(),join() and sleep().
3. Diff d/wsleep() and wait().
4. What is Thread object class methods.
5. Thread LifeCycle.
6. Diff d/wrun() and start().
7. What is Synchronization.
8. Which sichvationDedlockcomes .
9. What is demon thread.
10. When will go for synchronized method.
11. When will go for Synchronized block.

PROGRAMS FOR CORE JAVA :

1. Singleton class.
2. Immutable prog.
3. Map Iteration.
4. String Character counting .
5. Words conting
6. Duplicate charactors.
7. Duplicate wodsconting.
8. Permutation and cominations .
9. Anagram program.
10. Arrays Sorting without using sort() method.
11. Create map object or list object.
12. ArrayIndexOutBoundExceptionprog.
13. Get the NullPointerExceptionprog.
14. Main method overriding prog.
15. Simple encaption purpose prog.
16. MultiThreading example prog.
17. Comparable and comparator ex prog.
18. Substingprog .
19. String reverse prog without using reverse method.
20. ArrayElement second largest element or therd largest element.
21. Write a clone prog.
22. Write Serilazationprog.
23. Write Synchronization prog.

Spring :

1. What is Dependency Injection.
2. What is IOC continer.
3. What is bean.
4. What is BeanExternalization.
5. What is bean scopes.
6. Diff d/w BeanFactory and ApplicationContext.
7. Diff d/wsetterInjection and ConstructorInjection.
8. What is Sterio Type Annotation.
9. Tell me about AplicationContext Types.
10. What is default scope.
11. Diff d/w Singleton and proto Type scopes.
12. Diff d/w @qualifier and @Autowired.
13. What is @qualifier and @Autowired.
14. What is use of @Required Annotaion.
15. Diff d/w@Component and @Controller
16. Diff d/w @Controller and @RestController.
17. What is use of @PropertySourceAnnotation.
18. How many Types of configurations in spring explain.
19. Write one example of creating a bean.
20. Write inner bean or ref bean example.
21. Tell me about spring life cycle.
22. Tell me about spring execution flow.
23. Explain about spring different types of exceptions.
24. What is ORM is Spring.
25. What is use of HibernateTemplate.
26. Tell me about Spring MVC flow.
27. When we should use @ModelAttribute.
28. When we should use @ModelMap
29. What is ViewResolver.
30. What is HandlerMapper.
31. Spring Http Staus codes (methods).
32. What is meaning of 1xx,2xx,3xx,4xx,5xx.
33. What is Aop.
34. What is Aspet,Adapct,joinpoint,pointcut etc.
35. Extra concepts lite email, ajax,validations refer normal.

Hibernate :

1. Write about Hibernate configuration file.
2. What is Mapping and Types(multiplicity).
3. Tell me about Hibernate Annotations.
4. What is Diff d/wget() and load() methods.
5. What is Diff d/wsave() and persist() method.
6. What are the Diff Types of Cache(session and SF cache).
7. Cascading Types.
8. Tell about joins concept explain brefly.
9. Hibernate Entity States.
10. Write some ex of joins queries.
11. Do no idea about UUIDs.
12. Write HQL queries example.
13. Do you no Criterieaqueries.explain.
14. Diff d/w Bag and IdBag.
15. Refer util package methods.

RestFulWebservices :

1. What is Rest.
2. Tell me about Rest Methods explain brefly.
3. Diff d/w put and post.
4. Tell me about params and explain brefly.
5. What is use of @RestController.
6. Tell me about Rest Annotations.

Spring boot :

1. Diff d/w Spring and Spring boot.
2. What is the use of @SpringbootApplicationContext.
3. What is embedded servers in Spring boot.
4. How many ways to create spring boot Application.
5. How add multiple servers in Spring boot.
6. Tell me about yml/app. Properties file.
7. What is Actuactors explain brefly.
8. Tell me about Spring boot Annotations.
9. Refer Spring boot security and rest.

Real Time Questions and Tools :

1. What is maven explain brefly.
2. Log4j explain Logger,Apander, Layout.
3. JUNIT Test cases .
4. Explain Agile Methology.
5. Write Spring Controller code or one example methods all layers.
6. How get the database data write sample code.
7. Write rest controller code and validations code.
8. Create a map object in your project which purpose you are using write some code.
9. Explain git and git commands.
10. Refer sql concepts triggers ,prosigers , functions , joins ,cursors , basic queries etc.

ALL THE BEST