**Topic wise question :**

**Spring :**

1. What is bean , Default scope & @qualifier
2. Given a program for @Qualifier and ask it will execute or not?
3. Dependency injection

Class A & class B ; class B want to access class A , how we can achive in spirng

1. Can its possilble bean id same with different classs
2. What does @ComponentScan ? how to work componetscan in spring
3. If two user make a request the how many object will create in controller? Scope of spring bean
4. How works servlet when we make a two or more request?S
5. Spring mvc life cycle & life cycle method
6. How to inject dependency based on condition ?
7. We have interface & 5 classs implementaiton is there & we used @autowired annoation then how to work spring container
8. DAO implementation ; how to implement DAO
9. Based on user how to produce xml or json response
10. Life cycle of bean , how to works internally give with example with proper code steps
11. What is @Componentscan
12. What is bean scope in spring ; when we are using prototype ; tell me project scenario
13. What is differnence between @ComponentScan and @Component
14. What all design pattern follow spring
15. What design patteren you know; wht is template design pattern , proxy design patteren, template design patteren , viewresolver patteren
16. Why spring boot ?What is difference between spring & spring boot
17. What all are inbuild container in spring boot
18. How to deploy war in production
19. What is actuator in spring boot? What is url for execute acutuator
20. What components you worked on spring boot
21. What is @service ,@Component,@Repository
22. How request flow is workng in spring
23. Which one is execte first filter or dispacter
24. What is difference between controller & restcontroller
25. How we can handle the excpetion in spring bott
26. Controller & rest controller
27. What is ssl
28. What is conditionalproperty

**Microservice :**

1. What is eureka discover service ?
2. What is microservice ?
3. What is advvantage / disadvantage of microservice?
4. What is zuul api gateway ?what does this ?
5. How to call one service to another service ? communication of service
6. How to work load balance.
7. What is microservice component & architure
8. How we can communicate between microservices
9. What is micorservice arithchture
10. What is eureka discovery service
11. Hwo to know zuul which serivce is called
12. What is cofig server
13. What is fault tourence in micorsrviec

**RESTAPI :**

1. What Is different type of RestAPI method
2. What is difference put & post?
3. What s put & patch
4. Post and get
5. REst full form
6. What is protocoll

**Hibernate/JPA :**

**Trancation / Security :**

1. How to implement TRANSACTION in distributed service?
2. Jdbc query returns a reocrd how to asign the recored to object , which package you will use &why
3. @Transaction , how to control transaction
4. What is flush() method

5.Tell below program will update the record or not , if not why

SessionFactory factory = configuration.buildSessionFactory();

Session session = factory.openSession();

Transaction tx = session.beginTransaction();

Student student = session.load(Student.class, 111);

student.setName("Johnson");

// add line

tx.commit();

session.close();

6.

**JAVA**

1. Memory management in java & java8?
2. Hashtable , hashmap , schronizationhashmap , schronization method
3. How to make immutable class & if we have Employess class as construtor parameter and employee class have getter & setter method both then how to make immutable
4. Internal architure of arraylist
5. We have list of records an how we can find the elements is present or not and how do we modify particular value.
6. Try with resource
7. What does Encapsulation . give any example , we are using setter method to set the data then how to prevent .
8. Why we are using interface ?
9. Class v{

Static{

System.out.print(“abc”);

}

Main(){

System.out.println(“main”);

}

}

What will be output ?

1. How to read the excel file ?
2. How you call the custom method using Java 8 steam?
3. You have list then how to map the list using stream?
4. What is method reference
5. How to make unmodified list ? you can not change / add into list
6. What is hashing collision
7. Haspmap internal implmentaion
8. What is difference between stream api & collection api
9. What is functional interface , why we are using functional interface
10. What is lambda expression & what is relation wtih functional interface
11. What is socketbreaker pattern
12. How to sort based on age and we have to student class
13. What is difference between comparable and compartaor
14. What is predicate
15. what is difference between haspmap & linkedhashpmap
16. When we use concurrenthash map; how many write operation & read operation you ca write in concurrent hash amp
17. Differecne between error & expection
18. OutofMemory exection
19. Do you know sorting techinqew >?? what is selection sort
20. Arithmetic Exception ,IOexception, and exection , give a sequence flow for catch bolck
21. { } then consturctor in class and which one Is execute first
22. Hashmap implemetation in java8
23. Why we are using char[] instead of string
24. Fail saf e& fail fast
25. What is threadlocal
26. Wait and sleep
27. How many constuector we have in wait
28. Use of sericalizaion id
29. Interface and abstract in java8
30. Try with resource
31. Modular and class

**Programming**:

1. We have a string assigned value MANAGER ,we have to check duplicate with minimal time & complexity what you wil luse.
2. find the first non duplicate character from given string aaddggbhm with best approach & complexity
3. We have array = [13,9,5,1,14] sort the array using soring algorithm
4. We have list of integer {}1,2,3,4,5 and swap the first and second value to last (at the end)

**SQL QUERY :**

1. Write a query count the state which salary greater than 100

**Angular :**

1. What is angular json
2. Way of communcate of component to component
3. In which file we have config for ES% and ES6