**Day 1**

1.what is abstract class in java?

2.Inheritance in java

3.types of Inheritance?

4.why multiple Inheritance is not allowed in java?

5.multithreading

6.life cycle of thread

7.can we start the thread twice

8.what are the methods in object class

9.I have a class ,I want to print and I have a package.In another class I want to print class name and package name how will u do?

Getname and getclassname method

10.if I create a object of object class and if want to call the clone method is that possible

No

11.why to use hcode and equals methods

12.what is the return type of clone method

Object

13.clone method will it do deep cloning or sallow cloning

Sallow cloning member to member it will copy

14i.if we need deep cloning what we should we do

We need to definitely override that clone method and make sure that whatever the dependant object that class have we need to give a new face reference to that object

15.A list has 1000 of elements and if I want to pick one element how to pick that

We have get method

16.What will you pass in the get method?

Index

17.What is the data type of index?

Integer

18.How many elements a list can have?

There is no upper limit as far as meinterger

19.What is the upper limit of interger?

One list has 10 interger

20.how will you sort it?

Using collections and utility class we use sort method.

21.Is there any other way?

We can pass tis array list to a tresset and duplicates will be removed

22.What is serialization?

23.What is externaliazation?

24.What is the use of it?

25.What are the feature jdk 8 has?

Functional interface

New java scrip engine

26.What is functional interface?

27.Interfaces that has only single abstract method

28.Do we need to use annotation for that?

It is not necessary while reading annotation will increase the readability and also limit us from Adding another abstract method

**Day 2**

29.How do you handle exceptions

30.is it mandatory to have catch block with try block

31.can we have multiple catch block in a single try block

32.difference between string buffer and string builder

33.what is string class in java and how do you compare Strings

34.how to create a immutable class

35.what is serialization

36.if I have class in that class I have four to five variables and I don’t want to convert all the variables to bytes what is the way to avoid that?

37.I have a string let us consider I have a string madam (m a d a m) so if I traverse it from right to left or left to right It remains same can you tell me how to check whether the string is palindrome or not

38.why should we use spring

39l.life cycle of bean

40.transaction in spring

41.let us consider I have to create an cloud applicatiot can you tell me step by step how to create a spring boot project from scatch and try to store some records into your database

42.what are the starter dependency

43.can you change the port of your contact server

44.if I don’t want to run my application on contact server is there any way to run my application on a different server other than contact server

45.ideas about swagger

46.what is primary key

47.what is foreign key