Communication Class Questions:

1) What is Java? Explain
2) Difference b/w C and Java
3) Why Java is platform independent?
4) Why Java is not pure object oriented programming lang?
5) Difference b/w JDK, JRE & JVM?
6) What is a variable? And their types.
7) What is a class?
8) What is an object?
9) What are the data types in java?
10) What are primitive data types?
11) How many types of operators are available in Java?
12) What are the important features of Java?
13) What are the jump statements in java?
14) What is the different b/w a while loop and a do-while loop?
15) Describe in brief about oops Concepts.
16) What are the Selection Statements in java?
17) Define for each loop?
18) List out the control statement in java?
19) What is the difference b/w ++a and a++ increment operator?
20) What is a ternary operator?
21) What are Java keyword?
22) What are various access specifiers present in Java?
23) Define package in Java?
24) Why are the packages used?
25) What is object Oriented programming.
26) Why we use oops?
27) What are the main features of oops?
28) What is the difference b/w class and object?
29) What is inheritance
(imp) 31) What is the difference b/w multiple and multilevel Inheritance
32) What is Hierarchical Inheritance
33) What is Super class.
34) What is Sub class

35) What are the advantages of Inheritance in Java?

36) What is single Inheritance and multileve Inheritance?

37) Why multiple inheritance is not supported in Java?

38) How does multiple inheritance is implemented?

39) What is Encapsulation in Java? why is it called data hiding.

40) What is the advantage of encapsulation

41) How to achieve encapsulation in Java?

42) What is abstraction in Java?

43) How to achieve or implement abstraction in java?

44) What is abstract class in java, How to define it.

45) What is abstract method in java?

46) What is a concrete method in java?

47) When to use abstract method in java?

48) What is an interface in Java?

49) Why do we use of interface in java

50) Difference b/w class and interface in java

51) What is Thread in java?

52) What are the benefits of using multithreading?

53) What are the two ways to implement thread in java?

54) What is the difference b/w thread and process.

55) what are the wait() and sleep() method?

56) What is start() and run() method of thread does.

57) What is purpose of the join() method?

58) What is the synchronization process? why use it?

59) What is the difference b/w exception and error in java.

60) Why do we need exception handling in java.

61) How can you handle exception in java.

62) Name the different types of exceptions in java.

63) What is the collection frame work in java.

64) What are the main difference b/w array and Collection.

65) Explain various interfaces used in collection frame work.

66) What is the difference b/w Arraylist and LinkedList

67) What is the difference b/w Arraylist and vector.

68) What is the difference b/w Iterator and ListIteration

69) what a the difference b/w List und set

70) What is the difference b/w Hashset and Treeset ?

71) What is the difference b/w set and Map

72) What is the difference b/w Hashset and Hashmap.

73) What is the difference b/w Hashmap and Hashtable.

74) What is the difference b/w collection and collections.

75) what is the difference b/w comparable and comparator.

76) what is the advantage of the generic collection.

77) What is java 8 ?

78) What is Lambda Expression and why we use them.

79) What is functional Interface.

80) How are functional Interface and Lambda Expression related

81) What is optional class ?

82) what are the default methods

83) How can create a function Interface.

84) what are the core API classes for date and time in Java 8

85) What is the easiest way to print the current date and time using the new APIS.

86) what are collectors in java 8 ?

87) what is the difference. b/w default - Static method in functional interface.

88) Relation b/w lambda and functional Interface.

89) what is the difference b/w collection API and Stream API.