1. What is java?
2. Which company is the official implementer of java?
3. What s/w is needed to work on java?
4. What does JDK stands for?
5. What is the latest version of JDK?
6. What are the features of java?
7. What is a platform?
8. Is JVM's platform independent?
9. What is the most important feature of java?
10. What do you mean by platform independent?
11. What is a JVM?
12. What is the difference between JDK and JVM?
13. Is java a pure object oriented language?
14. What is the difference between JDK, JRE and JVM?
15. What is class?
16. What are the members of class?
17. What is a variable?
18. What is a method?
19. What is object of instance of class?
20. What are member variables, how it is different from local variables?
21. What is static variable? Explain
22. What is non static variables or instance variables? Explain
23. How to access static members? explain
24. How to access non-static members of class? explain
25. How to create an instance of class? Explain
26. What is the difference between static and non-static members?
27. Give example when to use static variables and non-static variables?
28. What are reference variables? how to create it?
29. What are primitive variables in java? How to declare it?
30. What are non primitive variables in java? How to declare it?
31. Explain how many ways member variables can be initialized?
32. Explain static blocks and non-static blocks
33. What is constructor? Why it is required?
34. Does every constructor have constructor?
35. What is default constructor?
36. What are the rules for the constructor?
37. What is the purpose of the default constructor?
38. What is parameterized constructor?
39. What is the advantage of constructors in java?
40. How constructor elimininate default values?
41. What is constructor overloading? explain its benefits
42. Can constructor perform other task instead of initialization?

43. Does constructor has return type?
44. Explain 'this' keyword, what it contains and how it is useful?
45. Usage of 'this' keyword
46. Why use this keyword in java?
47. Explain this. (this dot) in java
48. Explain this() (this off) statement? Explain why it is required what does new operator used for and what it returns
49. Does java support pass by reference? Why
50. Does constructor be static?
51. Does constructor be inherited?
52. Can we declare constructor as private?
53. What is the access of default constructor?
54. Can we override constructor of class?
55. What is constructor calling or constructor chaining?
56. Explain super() statement, explain why it is required? What is the difference between super and its keyword?
57. Explain final member variables and how to initialize?
58. Explain what do you mean static reference variable?
59. What is the difference between instance variable and reference variable?
60. Give example when to use final instance variable?
61. What is inheritance? Explain its advantages
62. What are the types of inheritance?
63. Why java doesn't support multiple inheritances?
64. What is super class or base class?
65. What is sub class or derived class?
66. Which member of super class can be inherited to sub class?
67. What is implicit constructor call and explicit constructor call?
68. Can we inherit constructor of super class?
69. What is role of constructor in inheritance?
70. What is method overloading? Explain
71. When to go for method overloading?
72. Can we overload main method?
73. What is benefit of method overloading?
74. Can subclass overload the methods of super class?
75. What is method overriding? Explain give real time example
76. What is the benefit of method overriding?
77. What are the rules for method overriding?
78. Can we override static method?
79. Which methods super class can be overrided and which can't be overrided?
80. What do you mean by declaring instance method as final?
81. What is data type casting? Explain its types
82. What is derived typecasting? Explain its types

83. What is the pre-requisite to do class casting?
84. What ClassCastException? When it occurs?
85. What is the use of instanceof operator in java?
86. What is reason to do ClassCastException?
87. What is polymorphism? Explain its types