

JAVA QUESTIONS

Set 1:

- 1. What is class?
- 2. What is object or instance of class?
- 3. What is Member variables, how it is different from local variables,
- 4. What is static variables? explain
- 5. What is non-static variables or instance variables? ex
- 6. How to access static members? Explain
- 7. How to access non-static members of class? Explain
- 8. How to create an instance of class? Explain
- 9. What are the difference between stages d non-s members ass
- 10. Give example when to use static variables and non acceptance
- 11. What is reference variables? How to crea
- 12. What is primitive variables in java? how to eit?
- 13. What is non-primitive variables in how lare it?
- 14. Explain how many ways members are can leadilized?
- 15. explain static blocks and no set tic blo
- 16. What is constructors? why are quired
- 17. Does every mas constru
- 18. What is death t constructor?
- 19. What is p
- 20. What is use tor?
- 21. What is constructor Over an ang?exp and its benefit
- 22. Explain this keyword, where contains and how are seful
- 23. Explain this() state explain why it is require
- 24. Does constructor has return type?
- 25. What does new operator used for and what it returns
- 26. Does java supports pass by reference, by
- 27. Does constructor be static?
- 28. Does constructor be inherita?
- 29. Can we delcare constructor as riva e
- 30. What is the access of default concructor?
- 31. Can we override Constructor of class?
- 32. What is constructor calling or constructor chaining?
- 33. Explain super() statement, explain why it is required?
- 34. what is the difference between this() and super()
- 35. Explain super keyword, what is the use of it?



- 36. What is the difference between super and this keyword
- 37. Explaing final member variables and how to initialize?
- 38. Give example when to use final instance variable?
- 39. Explaing Has-A relationship? how to achive it?
- 40. Explain what you mean by static reference variable?
- 41. Explain what you mean by instance reference variable?
- 42. What is inheritance? explain its advantages
- 43. What are the types of inheritance? Explain
- 44. Why does java doesn't support multiple inheritance?
- 45. What is super class or base class?
- 46. What is sub class or derived class?
- 47. Which members of super class can be inherited to sub class
- 48. Can we inherit Constructor of super class?
- 49. What is the role of Constructor in inhertiance?
- 50. From which super class the sub class cann't inherit?
- 51. If super class has private constructor, can sub class inhabitation nembers
- 52. What is implicit constructor call and explicit constru
- 53. When to go for explicit constructor ca
- 54. What is method overloading? Explain
- 55. When to go for Method overloading? give the time to ple
- 56. Can sub class overload the methods of such seasons.
- 57. Can we overload main method?
- 58. What is benefit of method overl
- 59. What is method overriding? Examples
- 60. What is the benefit of metal verridia
- 61. Which method supper changes be overled and which can't be seemed.
- 62. What do you sean by declar, was tanged ethod as final?

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Set 2:

- 1. What is datatype casting? Explain its types
- 2. What is classtype casting? Explain its types
- 3. What is the pre-requiste to do class casting?
- 4. What is widening operation?
- 5. What is narrowing operation?
- 6. What is upcasting?
- 7. What is downcasting?
- 8. What is ClassCastException?When it occurs?
- 9. What is the reason for ClassCastException?
- 10. What is the use of instanceof operator in java?
- 11. When to perform downcasting?
- 12. Why we need class type casting?
- 13. What is polymorphism? Explain its types
- 14. What is runtime polymorphism? how to achieve it?
- 15. What is the uses of ploymorphism?
- 16. How to access general properties and how to access ecial ecial
- 17. what is abstract method?
- 18. What is abstract class?explain its members
- 19. Can we create instance of abstract class
- 20. What the subclass should do if it extends from stract class
- 21. Can we define constructor in abstractions see 21.
- 22. How to access the instance me
- 23. Does abstract class must have stract od?
- 24. Is abstract classes re abstract dy?
- 25. What is into a serious explain its cteri
- 26. Can we cr instance of inter
- 27. What is in
- 28. What must be a fit in the entry an interface?
- 29. How many interface a clause in implement? why
- 30. Does interface has constant.or?
- 31. Can an interface experimental mother interface?
- 32. Can an interface extend from a class?
- 33. What is default access in interface?
- 34. What is default access in class?
- 35. What must be the access of method was which implements an interface? Why
- 36. Can we declare reference variable of inverface? what we can assign?
- 37. What is benefit of interface?
- 38. What is marker interface?
- 39. abstract keyword can't be combined with which keywords, why?
- 40. Can a class extend another class and implement interface? explain
- 41. What is abstraction? how to achieve it?
- 42. What is the benefit of abstraction?
- 43. What is encapsulation?



- 44. What are the access specifier provided in java?
- 45. What is the use of private member variables?
- 46. What is the difference between package level and protected members?
- 47. What is package? How to declare it?
- 48. What is the use of import statement?
- 49. What is static import statement?
- 50. What is java bean class? where it is used?
- 51. What is Singleton class? Where it is used?
- 52. What is inner class? What are the types of inner class
- 53. What are the difference between abstract class and interface?

Set 3:

- 1. What are the members of Object class:
- 2. Explain toString(), hashCode() and equals thou assistance assistance and the control of the c
- 3. Why we need to override toString()?
- 4. Why we need to override hashCod
- 5. What is String in java?
- 6. What is immutable object?
- 7. What are types creating object
- 8. Explain Con pool and new stant 1?
- 9. Explain difference between Street and StringBuffer cla
- 10. What are type
- 11. What is an exception
- 12. What is checked Exception we example s
- 13. What is the use of throw word?explain
- 14. What is the use of the keyword and how it is life at from throw
- 15. What is Throwable ses?
- 16. What is RuntimeException class?
- 17. Explain try-catch block
- 18. Explain finally block
- 19. Explain Generic handler and pet fic handler
- 20. What is the difference between exception and Error?
- 21. What is printStackTrace()?
- 22. What is custom Exception or user defined Exception?
- 23. Explain Java Exception Hierarchy
- 24. What is the difference between checked and unchecked exception?
- 25. What is the difference ClassNotFoundException and NoClassDefFoundError?
- 26. Can we write try block without catch block?



- 27. What is the use of multi catch block?
- 28. What is a Collection? Explain its benefit
- 29. What are the types of Collection?
- 30. Explain methods of Collection interface?
- 31. What is List? explain its features
- 32. Explain the methods of List interface.
- 33. What are the types of List?
- 34. Explain ArrayList features?
- 35. What is the implementation data structure of ArrayList?
- 36. What are the constructors present in ArrayList?
- 37. How many interfaces ArrayList implements?
- 38. How to convert ArrayList to List and ArrayList to Collection?
- 39. How ArrayList grows dynamically?
- 40. When to use ArrayList?
- 41. Explain LinkedList? and its implementation data struct
- 42. How many interfaces LinkedList implements?
- 43. What are the difference between ArrayList and Link
- 44. Explain vector and its features
- 45. Explain how to sort elements of Array
- 46. How to get Synchronized List?
- 47. What is the set? Explain its features?
- 48. What are the types of Set?
- 49. Explain HashSet implementation
- 50. Explain LinkedHashSet implem
- 51. Explain TreeSet implement in deta
- 52. List the differ etween Set, Line HashSet and TreeSet
- 53. Which Set tedSet?
- 54. What is NambleSet?
- 55. What is Q
- 56. Explain Prior de un entation details
- 57. How Set maintains no dy te explain in detail.
- 58. Why should we overrise shCode() and equals
- 59. What is Comparab arface?
- 60. What is Comparator interface?
- 61. Explain constructors of HashSet?
- 62. Explain constructors of TreeSet
- 63. How to convert Set to Collection
- 64. How to convert Set to any keelik analysist?
- 65. What is Map? Explain how object the stored in Map
- 66. Explain important methods of Map?
- 67. Explain how to use Iterator on Map?
- 68. Explain types of Map in details
- 69. What is HashMap and explain its implementation
- 70. What is Hashtable and explain its implementation



- 71. What is SortedMap, give example
- 72. Explain TreeMap
- 73. What is Iterator? how to use it?
- 74. What is ListIterator? how to use it?
- 75. Explain methods of Collections class
- 76. Explain why we need Comparable interface?
- 77. Expain difference between Comparable and Comparator interface?
- 78. What is a Thread?
- 79. Explain Thread properties
- 80. How to create a thread and start the thread
- 81. Explain thread started by JVM
- 82. What is the difference between start() and run()
- 83. Explain methods provide by the thread to use thread perties
- 84. What is Thread priority? what are the range and what the fault proof to
- 85. Explain the constructors of Thread
- 86. What is Runnable interface?
- 87. How to make Runnable type object to run as a three
- 88. Explain join() method of thread class?
- 89. What is Thread Safe? how to achieve
- 90. What is object lock? when it get created?
- 91. Waht is class lock? when it get created?
- 92. How to get reference to current running thr
- 93. What is thread deadlock?
- 94. Explain how to overcome thre
- 95. Explain what is interthrea and nunical and how to achieve it?
- 96. Explain wait() vait(time hods? re is the implementat.
- 97. Explain not a pand notifyAll of ode of ere is the implementation of it?
- 98. What is the synchronization
- 99. What is the second break en uncontained and deamon break
- 100. How to paus auton rrent l
- 101. What are the difference leen wait and sleep()?
- 102. What is thread deadle ow to avoid deadlock the tion
- 103. What are different so of in life cycle of others
- 104. What is Object Serialization?
- 105. What is Object de-serialization?
- 106. What is transient keyword in java?
- 107. What is Garbage collection? emin?
- 108. What is the use of finalize() a ware class it is present?
- 109. What is Garbage Collector?