

- 1. What is the difference between sorted and ordered collection in hibernate?**
- 2. Describe your favorite aspect of the Hibernate framework.**
- 3. Explain the main difference between Entity Beans and Hibernate**
- 4. What is your least favorite aspect of the Hibernate framework?**
- 5. Explain the difference between Hibernate and Spring.**
- 6. Does a Session object use a first-level cache or a second-level cache?**
- 7. Why hibernate is advantageous over Entity Beans & JDBC?**
- 8. How do you maintain your technical expertise?**
- 9. How do you maintain your technical expertise?**
- 10. How do you maintain your technical expertise?**
- 11. How do you maintain your technical expertise?**
- 12. Name Hibernate's two different types of collections.**
- 13. What is Hibernate Query Language (HQL)?**
- 14. Name Hibernate's three object states.**
- 15. Explain the advantages and disadvantages of detached objects**
- 16. What is Hibernate?**
- 17. What are the collection types in Hibernate?**
- 18. What are different states of an entity bean?**
- 19. What is hibernate configuration file?**
- 20. What is hibernate caching? Explain Hibernate first level cache?**

21. What is use of Hibernate Session merge() call?
22. What is ORM?
23. What is hibernate caching? Explain Hibernate first level cache?
24. What is hibernate caching? Explain Hibernate first level cache?
25. What does an ORM solution comprises of?
26. Which design patterns are used in Hibernate framework?
27. What is Hibernate SessionFactory and how to configure it?
28. What are the advantages of Hibernate over JDBC?
29. What is Hibernate Validator Framework?
30. What is difference between Hibernate Session get () and load () method?
31. What are the different levels of ORM quality?
32. What is a pure relational ORM?
33. What is a meant by light object mapping?
34. What is a meant by medium object mapping?
35. What is meant by full object mapping?
36. Benefits of ORM and Hibernate?
37. How does hibernate code looks like?
38. What are different states of an entity bean?
39. What is ORM ?
40. What does ORM consists of ?
41. What are the ORM levels ?
42. Why do you need ORM tools like hibernate?
43. .What Does Hibernate Simplify?

44. What is the need for Hibernate xml mapping file?
45. What are the most common methods of Hibernate configuration?
46. What are the important tags of hibernate.cfg.xml?
47. What are the Core interfaces are of Hibernate framework?
48. What role does the Session interface play in Hibernate?
49. What role does the SessionFactory interface play in Hibernate?
50. What is the general flow of Hibernate communication with RDBMS?
51. What is Hibernate Query Language (HQL)?
52. How do you map Java Objects with Database tables?
53. What is the difference between load() and get()?
54. What is the difference between and merge and update ?
55. What is the difference between and merge and update ?
56. Define cascade and inverse option in one-many mapping?
57. What do you mean by Named SQL query?
58. How do you invoke Stored Procedures?
59. Explain Criteria API?
60. Define HibernateTemplate?
61. What are the benefits does HibernateTemplate provide?

- 62. How do you switch between relational databases without code changes?**
- 63. If you want to see the Hibernate generated SQL statements on console, what should we do?**
- 64. What are derived properties?**
- 65. What is component mapping in Hibernate?**
- 66. What is the difference between sorted and ordered collection in hibernate?**
- 67. What are the ways to express joins in HQL?**
- 68. Define cascade and inverse option in one-many mapping?**
- 69. What is Hibernate proxy?**
- 70. How can Hibernate be configured to access an instance variable directly and not through a setter method ?**
- 71. How can a whole class be mapped as immutable?**
- 72. What is the use of dynamic-insert and dynamic-update attributes in a class mapping?**
- 73. What do you mean by fetching strategy ?**
- 74. What is automatic dirty checking?**
- 75. What is transactional write-behind?**
- 76. What are Callback interfaces?**
- 77. What are the types of Hibernate instance states ?**
- 78. What are the differences between EJB 3.0 & Hibernate**
- 79. What are the types of inheritance models in Hibernate?**
- 80. Are you aware of what derived properties are?**

- 81. What is your understanding of Hibernate proxy?**
- 82. What according to you are the cache types in Hibernate?**
- 83. Can you explain Hibernate callback interfaces?**
- 84. What is your idea regarding session interface?**
- 85. What is Dirty Checking Feature in Hibernate?**
- 86. How to create database applications in Java with the use of Hibernate?**
- 87. Can you share your views on mapping description files?**
- 88. What are your thoughts on file mapping in Hibernate?**
- 89. How to perform log hibernate that generates sql queries in log files?**
- 90. Can you explain version field?**
- 91. What are your views on the function addClass?**
- 92. Can you explain the role of addDirectory() and addjar() methods?**
- 93. What do you understand by Hibernate tuning?**
- 94. Can you explain what is Hibernate Query Language?**
- 95. What is your understanding of Light Object Mapping?**
- 96. What is N+1 SELECT problem in Hibernate?**
- 97. What are some strategies to solve the N+1 SELECT problem in Hibernate?**
- 98. What is the difference between save() and persist() method in Hibernate?**

- 99. What is different between Session and SessionFactory in Hibernate?**
- 100. What is the difference between save() and saveOrUpdate() method of Hibernate?**
- 101. What is difference between getCurrentSession() and openSession() in Hibernate?**
- 102. How do you log SQL queries issued by the Hibernate framework in Java application?**
- 103. What is the difference between the transient, persistent and detached state in Hibernate?**
- 104. Which cache is used by Session Object in Hibernate? First level or second level cache?**
- 105. What's the usage of Configuration Interface in hibernate?**
- 106. How do we create session factory in hibernate?**
- 107. What are the benefits of using Hibernate template?**
- 108. How can we get hibernate statistics?**
- 109. What is transient instance state in Hibernate?**
- 110. What's difference between managed associations and hibernate associations?**
- 111. What's general hibernate flow using RDBMS?**
- 112. How can we map the classes as immutable?**
- 113. What the three inheritance models are of hibernate?**
- 114. Does hibernate support polymorphism?**
- 115. What's the use of session.lock() in hibernate?**
- 116. What is attribute oriented programming?**
- 117. What's the use of version property in hibernate?**

- 118. What are derived properties in hibernate?**
- 119. How mapping of java objects is done with database tables?**
- 120. What different fetching strategies are of hibernate?**
- 121. In how many ways objects can be identified in Hibernate?**
- 122. What's the role of JMX in hibernate?**
- 123. What is ORM metadata?**
- 124. What are different ways to disable hibernate second level cache?**
- 125. How can we re-attach any detached objects in Hibernate?**
- 126. How primary key is created by using hibernate?**
- 127. In how many ways, objects can be fetched from database in hibernate?**
- 128. What are the two mapping associations used in hibernate?**
- 129. What the two methods are of hibernate configuration?**
- 130. What's transaction management in hibernate? How it works?**
- 131. What's the usage of callback interfaces in hibernate?**
- 132. How can we reduce database write action times in Hibernate?**
- 133. Which are some important interfaces provided by Hibernate?**

- 134. What are the configurations involved in Hibernate framework?**
- 135. What is Hibernate configuration file?**
- 136. How does Hibernate create the database connection?**
- 137. What are possible ways to configure object-table mapping?**
- 138. Which annotation is used to declare a class as a hibernate bean?**
- 139. How does a variable in an entity connect to the database column?**
- 140. How do we specify a different column name for the variables mapping?**
- 141. Is Hibernate Session object thread-safe?**
- 142. What is lazy loading in Hibernate?**
- 143. What is a Criteria query in Hibernate?**
- 144. Is it possible to connect multiple database in a single Java application using Hibernate?**
- 145. What is Hibernate Session and how to get it?**
- 146. Which annotation is used to define the mapping in Java files?**
- 147. How to configure hibernate beans without Spring framework?**
- 148. How to configure the connection pool size?**
- 149. How do we define the primary key value generation logic?**

