Objective:

1. Define JDBC URL format?
2. What is the difference between Type -1 and Type-4 driver?
3. How to load a driver?
4. How to create a PreparedStatement object?
5. Write a java code to get a Statement Object?
6. Difference between statement and prepared statement?
7. How a PreparedStatement is different from a Statement object?
8. What are different types of resultset?
9. How to process results in JDBC? Explain?
10. How to process results in JDBC? Explain?
11. Write down java code to get DatabaseMetaData object?
12. Write down the java statement to get Database Metadata object?
13. Write down the java statement to get ResultSet Metadata object?
14. How to load a Driver? Which driver is most efficient?
15. What are the advantages PreparedStatement?
16. What is the use of JDBC driver?
17. What are the roles of a Driver Manager?
18. What do you mean by Driver and DriverManager?
19. How to load a mysql (Type -4 Driver) driver in java?
20. What is the difference between DatabaseMetaData and ResultSetMetaData?
21. Write down the code for loading the driver and to get the connection for type -4 drivers?
22. How to create a JDBC Statement?
23. Why type-4 driver is preferred over type-1 driver?
24. Difference between executeQuery( ) and executeUpdate( )?
25. What are the different methods to execute sql queries?
26. Differentiate between entity bean and session bean?
27. What are the advantages of multi tier architecture?
28. Write down the advantages of using jsp in J2EE architecture?
29. What is a bean? What are properties of a bean class?
30. How to access bean class attributes. Explain?
31. Write down any 3 properties of a Java Bean class?
32. What are the advantages of Multi tier Architecture?
33. Explain 2 tier and 3 tier architecture with diagram?
34. What are the advantages of J2EE Architecture?
35. Why J2EE?
36. Differentiate between Component and Container?
37. What is the use of MIME type?
38. What are the works of a Web Server?
39. What are the roles of a Web server? Give an example of it?
40. Define Web Client and Web Server?
41. What are the disadvantages of web server?
42. What are the advantages of 3 tier architecture over 2 tier architecture?
43. How data are sent by using GET method?
44. Write down the advantages of POST method over GET method?
45. Write down any 2 cases where post method need to use in a Form?
46. Give a situation for each where to use get and where to use post method?
47. What is a Servlet ?
48. Write any 2 advantages of servlet over cgi?
49. What are the advantages of Servlet over CGI?
50. How Generic Servlet is different from HttpServlet ?
51. Write down any two methods of HttpServeltResponse object ?
52. Write down any two methods of HttpServeltRequest object ?
53. Write down the tag to specify a welcome fine in web.xml?
54. How to configure a welcome file in web.xml?
55. How to configure a Servlet in web.xml? Explain?
56. How mapping happens between a url pattern and a servlet class?
57. How getAttribute( ) is different from getParameter( )?
58. Draw the common directory structure of deployment environment?
59. How can you read form parameters in a servlet?
60. Write down the code to Read Servlet’s init parameters?
61. How to create a cookie?
62. What are the disadvantages of cookies?
63. Why session is needed in a web application?
64. What are the different ways we can maintain state between requests?
65. What is the role of HttpSession in web sites?
66. Explain the difference between session and cookie?
67. Give any two examples of Servlet listener and its associated event type?
68. How to include a listener class in web.xml? Write down the syntax.
69. Write down the code for getting a RequestDispatcher object?
70. What are the advantages of JSP over servlet?
71. Write down the life cycle methods of JSP?
72. Write down any 4 implicit objects in JSP?
73. Why scriptlets are needed?
74. Write down the syntax for different element in JSP?
75. How to include a page in JSP?
76. How to import a package in JSP?
77. What are the different types of directives?
78. Write down any three attributes of a page directive tag.
79. Why page directive is needed? How to add it in jsp page?
80. What are different scopes an object can have in a JSP page?
81. How errorPage is different from isErrorPage?
82. How to disable session in jsp.
83. How to deactivate EL expression in multiple JSP pages?
84. Write down any 2 capabilities of EL Expression?
85. How you can disable EL?
86. What is <jsp:forward> tag for?
87. How can you access JAVA Bean using JSP Action Tags?
88. What is JSTL?
89. What are the advantages of MVC Architecture?
90. What are the advantages of MVC architecture? Write any two.
91. What are the different ways to handle exception in JSP ?
92. How do you define application wide error page in JSP?
93. How to include page directive and include directive in a jsp page?
94. What are the different ways you can forward the request & response object from servlet to JSP?
95. Write JSP Standard Action tag to move from one page to another?