

Aditya Silver Oak Institute of Technology
Department of Computer Engineering (004)

Semester:	6th	Academic Year:	2023-24
Subject Name:	Advanced Java	Subject Code:	1010043339

Question bank

Sr. No.	Question Text
1	Explain TCP/IP Client Socket and its methods.
2	Explain TCP/IP Server Socket and its methods.
3	What is a Datagram socket? Explain it with Example.
4	Write a TCP or UDP client and server program to do the following: Client>LocalHost/IP Port<enter> Enter text:WelcomeSOU<enter> Response from server: uos EMOCLEw
5	Explain Inet Address in detail.
6	Describe the URL and URLConnection class in detail.
7	Explain RMI Architecture.
8	Explain RMI components
9	Write a TCP or UDP client and server program to do the following: Client>LocalHost/IP Port<enter> Enter text:WELCOME SOU<enter> Response from server: welcome sou
10	Write a Short note on JDBC Architecture.
11	What is JDBC Connection? Explain Steps to get Database Connection.
12	Which package is used to perform almost all JDBC operations?
13	List JDBC API components. Explain in brief.
14	List JDBC driver. Explain JDBC – TO-ODBC bridge driver (Type-1).
15	List JDBC driver .explain JDBC .NET pure java driver (Type -3)
16	What is a JDBC connection? Explain steps to get database connection using java program.
17	Give the use of the following class: 1.driver managers 2. Connection.

18	Develop a JDBC application that uses any JDBC drivers to display all records.
19	Develop a JDBC application that uses any JDBC drivers to delete a record.
20	Develop a JDBC application that uses any JDBC drivers to insert a record.
21	Write the steps to develop a JDBC application with proper examples.
22	List advantages and disadvantages of using JDBC API
23	Explain JDBC prepared statements.
24	Write a short note on JDBC architecture.
25	Write a brief note on three tier database design.
26	What is the difference between doGet () method and doPost () method?
27	What is Servlet? Explain the life cycle of Servlet.
28	Write a Servlet to read and display parameters using the doGet method.
29	Create a web form which processes servlets and demonstrates use of cookies?
30	Write a short note on Reading initialization parameters in servlet?
31	What is http/servlet Technology?
32	List the Methods of cookie class
33	Explain session tracking with examples.
34	Explain the advantages of Servlet.
35	Describe HTTPServlet class with its methods with syntax.
36	Explain JAVA servlet development kit
37	Difference between JSP and Servlet.
38	Develop JSP code to retrieve data from MySQL database.
39	Explain the architecture of JSP with a neat diagram.
40	Explain JSP Expressions
41	Explain the life cycle of JSP.
42	Write a JSP program of user login form with static data
43	Explain relation of applets and servlet with JSP
44	Explain JSP scripting elements.
45	Write a simple JSP program to print “HELLO”.
46	Explain <scriptlet> tag with syntax
47	Develop a JSP program to display the grade of a student by accepting the marks of five subjects
48	Develop a JSP application to insert records in MySQL database.
49	Define Hibernate Query Language and also explain Bean Life Cycle.
50	What do you mean by spring architecture?

Subject Coordinator
Prof. Ambika Sewaniya

HOD
Dr. Rahul Vaghela