

GUJARAT UNIVERSITY

BE ATKT EXAM 2013

Branch: Computer Engineering/ IT Engineering

Semester: VII

Subject: Elective –II Advanced Java

1	What is the difference between Java2 and old Java platform?
2	Differentiate AWT and Swing.
3	Write short notes on Distributed Application.
4	What is JDBC? Briefly explain JDBC architecture.
5	Differentiate between Statement and PreparedStatement.
6	Briefly discuss JDBC driver types.
7	Briefly discuss RMI programming model.
8	What is RMI? What is the role of client and server RMI? Briefly explain parameter marshalling.
9	What is CORBA? Differentiate between RMI and CORBA.
10	Write a client-server program to handle multiple clients concurrently.
11	What is socket? Write code to generate ServerSocket.
12	What is JNDI? Briefly explain JNDI architecture.
13	What is Servlet? Briefly discuss HttpRequest and HttpResponse.
14	What is Java Bean? Briefly discuss Bean Development Kit.
15	Write short notes on Enhancing application using Clipboard
16	Write short notes on I/O stream enhancement
17	Write short notes on Internationalization.
18	Write short note on J2EE.
19	Briefly explain how to change look and feel of Java application
20	What is the role of stub and skeleton in distributed application?
21	What is session? Explain session management using HttpSession.

22	Briefly discuss networking API
23	Explain RMI architecture in detail
24	Develop an RMI application where client sends two number and server reply with sum of the received numbers.
25	Develop a servlet application which reads the student detail from web page and stores it in database
26	What do you mean by MVC architecture? Explain its role in modern applications and list its advantages
27	Write a client-server program using TCP sockets to echo the message send by the client.
28	Describe the servlet life cycle with life cycle methods
29	Write a Web application using servlet to find the sum of all the digits of an input integer.
30	Explain the following classes with their use. i. URLConnection class ii. DatagramSocket and DatagramPacket class
31	What is collection in Java? Differentiate between Vector and ArrayList.
32	Differentiate between Enumeration and Iterator.
33	Explain the unique features of Map interface.
34	i) What do you mean by Event Delegation model in Java? Explain it.
35	How the concept of inner classes is used for event handling? Explain.
36	What is bean? What is the purpose of introspection?
37	Briefly explain the requirements of Math class.
38	Briefly discuss Date and calendar class.
39	Write a short note on Swing components.
40	Write a short note on JFC.