		(3 Hours)	Total Marks: 100
N.B	2) Figu 3) Illu	questions are compulsory.  ures to the right indicate full marks.  strations, in-depth answers & diagrams will be appreciated.  ing of sub questions is not allowed.	
1.	Write short notes on (any four)		20
		Cookies	
		JTabbedPane	
		ResultSet	
		RMI Registry Service	
		Life Cycle of a Stateful Session Bean Servlet Life Cycle	
2.		pt the following(any Four)	20
		Explain PreparedStatement using Code Snippets.	
		How are swing components different from AWT components?	
		Explain RootPane Container and also specify its four Parts.	
		Describe the way a stored procedure is called in JDBC.	1.1.1.1.1
	E.	Write a Java Program to create JFrame containing JDesktopPan JInternalFrame.	e which has a single
	F.	Write a JDBC program to accept table name and display only co	olumn names.
3.	. Attempt the following(any four)		20
		State and describe 2 methods of creating a Thread based java pr	_
	B.	What is synchronization? What are the various ways to synchro	nize the Thread?
		Explain using programming snippet.	
		Explain the class URLConnection.	
		Write a short note on RMI Architecture.  Explain the role of following classes with any of its two method	١.,
	E.	i. Socket ii. ServerSo	
	F	Write a Java program to create only a TCP Server Program that	
	1.	accept client connection.	instells to port 2550 to
4.		pt the following(any four)	20
		Explain the Java Servlet Architecture.	
	В.	Explain following Interfaces:	THE
	C	<ul><li>i. ServletContext</li><li>ii. ServletConf</li><li>Write a short note on JSP include directive.</li></ul>	1g
		Explain error handling mechanism in JSP with code snippet.	
		Explain jsp:usebean tag with an example.	
		Write a Servlet which reads a value from Cookie which is alread	dv set and display the
		value on the Screen.	ay see and any only and
5.		pt the following (any four)	20
		List and explain call back methods of stateless session bean.	
		Explain the architecture of EJB.	
		Explain SOAP, UDDI and WSDL. What is IAY WS? Explain the uses of IAY WS	
		What is JAX-WS? Explain the uses of JAX-WS. Write a short note on Message Driven Bean.	
	F.		mber passed to it.