Q.P. Code :02412

[Time: 3 Hours]			me: 3 Hours] [Marks:	[Marks:80]	
		N.B: 1.	lease check whether you have got the right question paper. Question No.1 is compulsory Attempt any four questions out of the remaining Q,2 to Q.7		
Q.1)	a)		ture.	20	
Q.2	a) b)	Explain with Example the term throw and throws in exception handling? Write a program to create a user defined exception in java? Compare servlets and JSP? Write a program to count the Hits(No. of times websites is visited) done the websites using servlet?			
Q.3	a) b)	Write a program to demonstrate the use of thread synchronization in a multithread application? What is EJB? Explain different types of EJB?		08 07	
Q.4	a) b)	What is struts? Explain its features and its architecture? What are database driver? Explain different type of database driver? List the steps for JDBC connection?		08 07	
Q.5	a) b)	swing compo Explain the dif	Delegation model with example? List various Event class and Event Listener interface of nents? ference between the following keywords final, finally and finalize? Also list the different the super keywords?	08 07	
Q.6	-	•	t serialization and deserialization and how is it achieved in java? ctive? Explain different types of directives in JSP?	08 07	
Q.7	a. b.	hort note on: Wrapper class Packages in Ja Layout Manag	va	15	