MIS Number					

## **COLLEGE OF ENGINEERING, PUNE** (An Autonomous Institute of Govt. of Maharashtra)

End Sem - Nov, 2013

## (CT-410)Advanced Database Management

## **Systems**

Class: - B.Tech (Information Technology)

Year: - 2013-14	Semester: - VII		
Duration: - 3 hrs	Max. Marks: - 60		
Instructions: 1. Solve any six questions. 2. Assume suitable data whenever necessary. 3. Draw neat figures wherever required 4. Figures to right indicate full marks			
a) Describe advantages and disadvantages of pipelined paralle     b) Write a short note on Parallel Query Optimization.	lism. 5		
<ul><li>2. a) Write a short note on majority based protocol.</li><li>b) Describe deadlock in distributed databases.</li></ul>	5 5		
3. How are queries processed in Distributed databases? Explain vijoin technique with its advantages.	vith example semi-		
<ul> <li>4. a) Discuss what is meant by the following terms when describin characteristics of the data in a data warehouse.</li> <li>1. Subject Oriented</li> <li>2. Integrated</li> <li>3. Time-variant</li> <li>4. Non-volatile</li> <li>b) Write a short note on OLAP queries.</li> </ul>	g the 4		
5. What is well formed and valid XML document? With example ex XML Schema file.	κplain an 10		
<ul><li>6. a) Design a classification model using Decision Tree classifier example.</li><li>b) Describe Incremental mining algorithm for computing Freque suitable example.</li></ul>	5		
<ul><li>7. a) Write a short note on TP Monitor Architecture.</li><li>b) Explain in detail workflow systems.</li></ul>	5 5		
<ul><li>8. a) Define data mining and list its three applications.</li><li>b) Explain different schema types with examples for a data ware</li></ul>	ehouse. 4		