
 <b>SURESH GYAN VIHAR UNIVERSITY</b> <small>Accredited by NAAC with 'A' Grade</small>		<b>INTERNAL ASSIGNMENT - 1</b>
<b>Course</b>	<b>MCA</b>	<b>Advance Database Management System</b>
<b>Semester</b>	<b>2</b>	
<b>Total Marks:</b>	<b>15</b>	

**Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)**

- A. Explain the Distributed Query processing techniques in detail.
- B. What are the different forms of Temporal Database?
- C. What do you mean by Artificial Neural Networks (ANN)? Explain.

**Q.2. Write short notes on all of the following topics (1 mark each - Word limit - 100)**

- A. Bayesian Classifiers
- B. Polyinstantiation
- C. Atomic objects
- D. What is Object? Explain OID and Attributes with respect to object.
- E. Failure and Commit

 <b>SURESH GYAN VIHAR UNIVERSITY</b> <small>Accredited by NAAC with 'A' Grade</small>		<b>INTERNAL ASSIGNMENT - 2</b>
<b>Course</b>	<b>MCA</b>	<b>Advance Database Management System</b>
<b>Semester</b>	<b>2</b>	
<b>Total Marks:</b>	<b>15</b>	

**Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)**

- A. Explain all the Commit Protocols in detail.
  
- B. What do you mean by Skew? What are the types of Skew? Explain the approaches to minimize the effect of Skew.
  
- C. Create a sample Library Relational database schema. Create XML schema document that corresponds to this database schema.

**Q.2. Write short notes on all of the following topics (1 mark each - Word limit - 100)**

- A. Write different types of Data Warehouses.
  
- B. Data Integration and Data Transformation
  
- C. What are the features of OODBMS?
  
- D. What is ADBMS?
  
- E. Temporal Database and Non-Temporal Database