



**INTERNAL ASSIGNMENT - 1**

<b>Course</b>	<b>MCA</b>	<b>Database Management System</b>
<b>Semester</b>	<b>1</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. What are the factors for evaluation of the file organization techniques ?.
- B. State the different levels of security.
- C. Briefly explain about NoSQL.

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

- A. Define following terms
- B. Cache Memory
- C. Entity Relationship model
- D. Network Model
- E. First Normal form



**INTERNAL ASSIGNMENT - 2**

<b>Course</b>	<b>MCA</b>	<b>Database Management System</b>
<b>Semester</b>	<b>1</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. What are Virtual records ? Explain.
- B. Explain the functioning of magnetic disk with a neat diagram.
- C. Explain about Discretionary access control method and mandatory access control method.

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

- A. Properties of Hierarchical Scheme
- B. Data Independence
- C. Database system\
- D. Query
- E. Fourth Normal Form