		INTERNAL ASSIGNMENT - 1
SURESH GYAN VIHAR UNIVERSITY Accredited by NAAC with 'A' Grade		
Course	BCA	**Introduction To Database Management System**
Semester	2	
Total Marks:	15	

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

A.   Briefly explain about NoSQL.

B.   Explain the need of normalization. Explain in detail the advantages and disadvantages of normalization.

C.   Explain the different attribute types with respect to E-R Model.

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

A.   Surrogate Key

B.   Operating System

C.   Insertion Anomalies

D.   Cartesian Product Operation

E.   Binary locks

SURESH GYAN VIHAR UNIVERSITY — Accredited by NAAC with 'A' Grade		INTERNAL ASSIGNMENT - 2	
Course	BCA	**Introduction To Database Management System**	
Semester	2		
Total Marks:	15		

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

A.   Explain the challenges associated with NoSQL ?.

B.   Write short notes about any five NoSQL Products.

C.   Compare ISAM and B+ tree organisation.

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

A.   Domain Constraints

B.   One-to-Many with descriptive attributes

C.   DDL in Network Database Model

D.   Non-Volatile storage

E.   Explain the following: