Enrollment No: _____   Exam Seat No:_____

C.U.SHAH UNIVERSITY
Summer Examination-2018

Subject Name : Database Management System

Subject Code : 4CS04DMS1   **Branch :** M.Sc. C.A. & I.T. (Integrated)

Semester : 4   **Date :** 24/04/2018   **Time :** 10:30 **To** 01:30   **Marks :** 70

Instructions:
  (1) Use of Programmable calculator and any other electronic instrument is prohibited.
  (2) Instructions written on main answer book are strictly to be obeyed.
  (3) Draw neat diagrams and figures (if necessary) at right places.
  (4) Assume suitable data if needed.

Q-1	**Attempt the following questions:**	**(14)**
a)	What is SQL ?	
b)	Write Characteristics of SQL	
c)	Give the full name of DDL	
d)	Define PL/SQL	
e)	List types of Constraints	
f)	What is an Exception?	
g)	Give the full name of DML	
h)	What is an Index?	
i)	Define Transaction	
j)	What is DBMS?	
k)	Give the full name of DCL	
l)	List out types of SQL * PLUS Operators	
m)	Define Cursor	
n)	Give the full name of TCL	

Attempt any four questions from Q-2 to Q-8

Q-2	**Attempt all questions**	**(14)**
a)	Discuss Numeric and String Function with syntax & suitable example	**05**
b)	Explain Like and Order By Command with an example	**05**
c)	Describe View with suitable example	**04**
Q-3	**Attempt all questions**	**(14)**
a)	Explain Index with its Syntax and an appropriate example	**07**
b)	Write different types of Constraints and applying of Constraints with given example	**07**
Q-4	**Attempt all questions**	**(14)**
a)	What is Filtering data and how many ways for filtering data ? Discuss.	**05**

b)	Explain Dr. E. F. Codd Rules		**05**
c)	Write a note on Sequence in briefly		**04**
Q-5	**Attempt all questions**		**(14)**
a)	Explain DDL with its each Command using an appropriate example		**07**
b)	Describe join with its types and given suitable example of it		**07**
Q-6	**Attempt all questions**		**(14)**
a)	Differentiate between Index, View and Sequence		**05**
b)	Explain Subquery in SQL		**05**
c)	Discuss Starting and Ending Transaction with an example		**04**
Q-7	**Attempt all questions**		**(14)**
a)	Explain DML with its each Command using an appropriate example		**07**
b)	Describe Group By and Having Clause with suitable example		**07**
Q-8	**Attempt all questions**		**(14)**
a)	Explain DCL with its each Command given by suitable example		**07**
b)	Describe TCL with its Command with an appropriate example		**07**