Enrollment No: _____   Exam Seat No:_____

C.U.SHAH UNIVERSITY
Summer Examination-2019

Subject Name : Database Management System

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

Semester : 4   **Date : 15/04/2019**   **Time : 02:30 To 05:30**   **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)	Define term : Data	1
	b)	Define term : Database	1
	c)	Write the full form of RDBMS.	1
	d)	What is Schema?	1
	e)	What is Constraint?	1
	f)	Enlist DDL Commands.	1
	g)	Enlist DML Commands.	1
	h)	Enlist the name of DCL commands in SQL(Oracle)	1
	i)	What is sub query?	1
	j)	Define term : Database state	1
	k)	What is view?	1
	l)	What is the Full Form of TCL?	1
	m)	What is the Full Form of DCL?	1
	n)	What is the Full Form of ORDBMS?	1

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

Q-2		Attempt all questions	(14)
	(A)	What is DBMS? Explain the Functions of DBMS in brief.	(7)
	(B)	Explain the various advantages of DBMS in brief.	(7)
Q-3		Attempt all questions	(14)
	(A)	Explain DDL commands with Syntax and Example in SQL(Oracle).	(7)
	(B)	Explain DML commands with Syntax and Example in SQL(Oracle).	(7)
Q-4		Attempt all questions	(14)
	(A)	What is join? Enlist the types of join. Explain inner join and outer join with syntax and example	(7)

| | (B) | Explain rollback and Commit command in SQl(Oracle) with syntax and Example | (7) |

Q-5		Attempt all questions	(14)
	(A)	Write a brief note on Database client sever Architecture.	(7)
	(B)	Explain union, intersection with syntax and example.	(7)

Q-6		Attempt all questions	(14)
	(A)	Write a brief note on : Functional Dependencies	(7)
	(B)	Write the following terms : Tuples, Domain, Sequences, Synonyms	(7)
Q-7			
		What is Cursor? Enlist and Explain types of Cursor in brief.	(14)
Q-8		Attempt all questions	(14)
	(A)	What is Trigger? Explain with Syntax and Example.	(7)
	(B)	What is Procedure? Explain with Syntax and Example.	(7)