C.U.SHAH UNIVERSITY
Summer Examination-2019

Subject Name : Advanced Database Management

Subject Code : 5CS02WDB1   **Branch: M.Sc I.T.(WebTech)**

Semester : 2   **Date : 29/04/2019**   **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.

SECTION – I

Q-1		**Attempt the Following questions**	**(07)**
	a.	**Define term :** Database	1
	b.	**Define term :** RDBMS	1
	c.	What is Normalization?	1
	d.	What is the full form of DDL?	1
	e.	What is SQL?	1
	f.	What is Sub Query?	1
	g.	**Define term :** Sequence	1
Q-2		**Attempt all questions**	**(14)**
	(A)	*Differentiate* DBMS *Versus* RDBMS	7
	(B)	List various types of SQL statement. Explain DDL Statement in detail	7

OR

Q-2		**Attempt all questions**	**(14)**
	(A)	What is Join? Explain Inner Join and Self Join in details.	**(05)**
	(B)	*Differentiate* SQL *Versus* SQL * PLUS	**(05)**
	(C)	What is Constraint? Explain Primary key with Example.	**(04)**
Q-3		**Attempt all questions**	**(14)**
	(A)	Explain Update SQL statement with example.	**(05)**
	(B)	Explain Group By and Having clause with example.	**(05)**
	(c)	Explain Distinct clause and Order By clause.	**(04)**

OR

Q-3	**(A)**	List out SET operators available in Oracle with example	**(07)**

(B) What is View? Explain with example (07)

SECTION – II

Q-4 **Attempt the Following questions** (07)

    a. What is Commit Command? **1**
    b. Given the full form of PL /SQL **1**
    c. What is Cursor? **1**
    d. How many comment lines available in PL/SQL? **1**
    e. What is function? **1**
    f. What is Nested Table? **1**
    g. What is Recovery? **1**

Q-5 **Attempt all questions** (14)
    (A) Explain Index in details (5)
    (B) What is Privileges? explain Grant and Revoke command (5)
    (c) Explain Rollback and Savepoint command (4)

OR

Q-5 **(A)** Explain PL / SQL Block Structure with example (7)
    (B) Explain Exception Handling in details (7)

Q-6 **Attempt all questions** (14)
    (A) Write a note on Package (7)
    (B) What is Trigger? Explain with example (7)

OR

Q-6 **Attempt all Questions**
    (A) What is Procedure? Explain with example (5)
    (B) Explain DBWR in detail (5)
    (c) Write a short note on Backup (4)