Enrollment No: _____ Exam Seat No:_____

C.U.SHAH UNIVERSITY

Summer Examination-2018

Subject Name:-Database Systems with ORACLE

Subject Code: 4CS02BOR1 Branch: B.C.A.

Semester: 2 Date: 27/04/2018 Time: 10:30 To 01:30 Marks: 70

Instructions:

(1) Use of Programmable calculator & 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 Data?

b) SQL stands for _____.

c) DDBMS stands for _____.

d) Oracle is _____ Database Management System.

e) MPSD stands for_____.

f) What is Data Mining?

g) What is a Not Null constraint?

h) What is RDBMS?

i) SPSD stands for _____.

j) Define Operator: IN

k) What is Record?

l) Explain like operator.

m) What is Information?

n) Define operator: Any.

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

Q-2 Attempt all questions

a) What is Normalization? List and explain types of normalization. **(07)**

	b)	Explain Dr. E. F. Codd rules (Any 07).	**(07)**
Q-3		**Attempt all questions**	
	a)	Explain DBMS and RDBMS.	**(04)**
	b)	List and explain types of SET operator with example.	**(05)**
	c)	Explain Business Intelligence Architecture	**(05)**
Q-4		**Attempt all questions**	
	a)	Explain any 4 Numeric built in function.	**(04)**
	b)	What is a Sub query? List and explain types of sub queries.	**(05)**
	c)	Explain Select statement with all options.	**(05)**
Q-5		**Attempt all questions**	
	a)	Create student table (rno(pk), name, age, birthdate)	**(04)**
	b)	What is Join? Explain types of Joins.	**(05)**
	c)	Explain update statement with example.	**(05)**
Q-6		**Attempt all questions**	
	a)	Explain Levels of Data and Process Distribution.	**(07)**
	b)	Explain the components of a DDBMS.	**(07)**
Q-7		**Attempt all questions**	
	a)	Explain Distributed Database Transparency Features.	**(04)**
	b)	Explain View	**(05)**
	c)	Explain operators.	**(05)**
Q-8		**Attempt all questions**	
	a)	Explain Online Analytical Processing.	**(07)**
	b)	Explain Aggregate function.	**(07)**