

C.U.SHAH UNIVERSITY

Summer Examination-2019

Subject Name: Database Systems with ORACLE

Subject Code: 4CS02BOR1

Branch: BCA

Semester: 2

Date: 30/04/2019

Time: 02:30 To 05:30

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) Write full form of DBMS.
- b) Write full form of SQL.
- c) Define: Data Warehousing.
- d) Which command is use to remove structure and record of table?
- e) Define: Not Null constraint.
- f) Define : IN Operator
- g) Define :ANY Operator
- h) Define: Data and Information.
- i) What is Record?
- j) Write syntax to create any table.
- k) What is RDBMS?
- l) Define : Data
- m) Write full form of DDBMS.
- n) Define : ALL Operator

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

Q-2 Attempt all questions. (14)

- (a) Write difference between DBMS and RDBMS **07**
- (b) Explain Dr.E.F.Codd's rules (Any Seven) **07**

Q-3 Attempt all questions (14)

- (a) Explain Normalization in detail. **07**
- (b) What is Join? Explain all types of join with example. **07**

Q-4 Attempt all questions (14)

- (a) Explain the Components of DDBMS. **07**
- (b) What is sub Query? Explain any two types of sub queries. **04**
- (c) Explain Business Intelligence Architecture in brief. **03**



Q-5	Attempt all questions	(14)
	(a) Explain View with example and its advantages.	07
	(b) Explain Aggregate functions (Any seven).	07
Q-6	Attempt all questions	(14)
	(a) Write Short note on Sequences with example.	04
	Create Emp table with (Eid, Ename, Eaddress, Econtact_no, EDOJ, Edept) fields.	03
	(b) Write difference between Char verses Varchar2.	04
	Explain Update Statement with example.	03
Q-7	Attempt all questions	(14)
	(a) Write and explain the characteristics of Data Warehousing.	07
	(b) Explain ORDER BY clause with example.	03
	(c) Explain GROUP BY and HAVING.	04
Q-8	Attempt all questions	(14)
	(a) Explain Select Statement in detail.	04
	(b) Explain Logical operators.	03
	(c) Explain all SET operations.	07

