

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Winter Examination-2018

Subject Name : Database Systems with ORACLE

Subject Code : 4CS02BOR1

Branch: BCA

Semester : 2

Date : 25/10/2018

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) What is Data? | 1 |
| | b) What is the Full Form of RDBMS? | 1 |
| | c) What is the Full Form of ORDBMS? | 1 |
| | d) What is the Full Form of SQL? | 1 |
| | e) Define term : Normalization | 1 |
| | f) Enlist any four Dr E F Codd Rules. | 1 |
| | g) What is join? | 1 |
| | h) Define term : Sub Query | 1 |
| | i) Enlist DML Commands. | 1 |
| | j) What is the Full Form of DDL? | 1 |
| | k) What is the Full Form of DCL? | 1 |
| | l) What do you mean by Select Statement? | 1 |
| | m) What is View? | 1 |
| | n) What is Self-Join? | 1 |

Attempt any Four from Q-2 To Q-8

| | | |
|------------|---|-------------|
| Q-2 | Attempt All Questions | (14) |
| | (A) Write a note on Join with Example. | (10) |
| | (B) Explain Outer join with suitable Example. | (4) |
| Q-3 | Attempt all questions | (14) |
| | (A) Write a note on View. | (7) |
| | (B) Write a short note on DATA MINING. | (7) |
| Q-4 | Attempt all questions | (14) |
| | (A) Differentiate Operational Data Vs. Decision Support Data | (4) |
| | (B) Write a note on "Distributed Database Management System(DDBMS)" | (10) |



- Q-5** **Attempt all questions** **(14)**
 (A) Write a note on Data Warehouse. **(10)**
 (B) What is Field, Record and tuples? Explain with single Example. **(4)**
- Q-6** **Attempt all questions** **(14)**
 (A) Explain Dr.E.F.Codd Rules in brief. **(10)**
 (B) Explain any two aggregate functions with syntax and example. **(4)**
- Q-7** **Attempt all questions** **(14)**
 (A) Explain Business Intelligence Architecture in brief. **(7)**
 (B) Write a brief note on “Distributed Transparency” **(7)**
- Q-8** **Attempt all questions** **(14)**
 (A) Write a note on “Normalization” **(10)**
 (B) Explain SELECT Statement with Syntax and Example. **(4)**

