

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Summer Examination-2018

Subject Name : Advanced Database Management System

Subject Code : 4CS05BDB1

Branch: BCA

Semester : 5

Date : 21/03/2018

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.
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Q-1 Attempt the following questions: (14)

- a) What is SQL?
- b) Differentiate between Implicit Cursor and Explicit Cursor
- c) Give the Full Name of RDBMS
- d) List the Commands of Data Manipulation Language
- e) What is Cursor?
- f) Define Lock
- g) What do you mean by E-R Diagram?
- h) Differentiate between SQL and PL/SQL
- i) How many types of Constraints in SQL?
- j) What is SQL * PLUS?
- k) List the Commands of Data Definition Language
- l) Give the Full Name of DCL
- m) What is Transaction?
- n) Define Exception

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

Q-2 Attempt all questions (14)

- a) Describe View with suitable example **05**
- b) Discuss Numeric and String Function with syntax & suitable example **05**
- c) What is Filtering data and how many ways for filtering data ? **04**

Q-3 Attempt all questions (14)

- a) What is an Index? Explain Index with its Syntax and an appropriate example **05**
- b) Describe Group By and Having Clause with suitable example **05**
- c) Explain Like and Order By Command with an example **04**

Q-4 Attempt all questions (14)

- a) Explain DML with its each Command using an appropriate example **05**
- b) Write the Different Types of Constraints and Applying of Constraints with given example **05**
- c) Describe exception Handling with its structure **04**

Q-5 Attempt all questions (14)

- a) Explain DDL and also Write Down the each of Command with Syntax **05**



- b) Write a note on Sequence in briefly 05
c) What is Transaction ? Discuss Starting and Ending Transaction with an example 04
- Q-6 Attempt all questions (14)**
a) Explain DCL with its each Command given by suitable example 05
b) Describe TCL with its Command with an appropriate example 05
c) Write a note on Triggers with suitable example 04
- Q-7 Attempt all questions (14)**
a) Explain PL/SQL Block Structure 07
b) Describe Backup & Recovery and also discuss types of Backups 07
- Q-8 Attempt all questions (14)**
a) Explain types of Cursors with suitable example 07
b) Describe Locking Issues with an appropriate example 07

