

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Winter Examination-2019

Subject Name : Database Management System

Subject Code : 4CS04DMS1

Branch: M.Sc. C.A. & I.T. (Integrated)

Semester : 4

Date : 01/10/2019

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.
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|-----|---------------------------------------------------|------|
| Q-1 | Attempt the following questions: | (14) |
| | a) Define term : Information | 1 |
| | b) Define term : Instruction | 1 |
| | c) Write down the full form of RDBMS. | 1 |
| | d) What is tuples? | 1 |
| | e) What is row? | 1 |
| | f) Enlist DCL Commands. | 1 |
| | g) Enlist TCL Commands. | 1 |
| | h) Enlist the name of DML commands in SQL(Oracle) | 1 |
| | i) What is database? | 1 |
| | j) Define term : Database state | 1 |
| | k) What is Index? | 1 |
| | l) What is Synonym? | 1 |
| | m) What is the Full Form of RDBMS? | 1 |
| | n) What is the Full Form of ORDBMS? | 1 |

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

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|-----|-----------------------------------------------------------|------|
| Q-2 | Attempt all questions | (14) |
| | (A) What is DBMS? Explain the Functions of DBMS in brief. | (7) |
| | (B) Explain the various advantages of DBMS in brief. | (7) |
| Q-3 | Attempt all questions | (14) |
| | (A) Write a brief note on DCL commands | (7) |
| | (B) Write a brief note on TCL commands | (7) |



- Q-4 Attempt all questions (14)
(A) Write a brief note on DML commands. (7)
(B) Write a brief note on Join. (7)
- Q-5 Attempt all questions (14)
(A) Write a brief note on View. (7)
(B) Explain union, intersection with syntax and example. (7)
- Q-6 Attempt all questions (14)
(A) Write a brief note on Synonym. (7)
(B) Write a brief note on Database client sever Architecture. (7)
- Q-7 What is Cursor? Enlist various types of Cursor in brief. Explain. (14)
- Q-8 Attempt all questions (14)
(A) Write a brief note on Trigger (7)
(B) What is Procedure? Explain with Syntax and Example. (7)

