C.U.SHAH UNIVERSITY
Winter Examination-2019

Subject Name : Database Concepts using MS-Access

Subject Code : 4CS02IDB2   **Branch: B. Sc. I.T.**

Semester : 2   **Date : 20/09/2019**   **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) What is information?

  b) What is entity?

  c) Define: MS-Access

  d) Define: Validation Text

  e) What is Candidate Key?

  f) What is sorting?

  g) What is Module?

  h) What is Attributes?

  i) What is Data Dictionary?

  j) Define: Metadata

  k) What is Macros?

  l) What is RDBMS?

  m) What is Field?

  n) Given full form of OLE

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

Q-2   **Attempt all questions**   **(14)**

  a) List and explain Dr. E. F. Codd rules   (07)

  b) Explain E-R diagram with example   (07)

Q-3   **Attempt all questions**   **(14)**

  a) List and explain various Data types available in MS-Access   (07)

b)	Explain Wild card and Like operator in query	(07)
Q-4	**Attempt all questions**	**(14)**
a)	Write a short note on Data Dictionary	(05)
b)	Differentiate: DBMS and RDBMS	(05)
c)	List and explain types of Entity	(04)
Q-5	**Attempt all questions**	**(14)**
a)	Explain create table with design view and datasheet view	(05)
b)	List and explain different types of Aggregation functions	(05)
c)	Explain Pivot Tables in details	(04)
Q-6	**Attempt all questions**	**(14)**
a)	What is Report? Explain Report generation using Design View	(05)
b)	Explain Form controls with property	(05)
c)	Write a short note on Action Query	(04)
Q-7	**Attempt all questions**	**(14)**
a)	Write a note on primary key and foreign key	(05)
b)	Explain Update command with example	(05)
c)	Explain Insert command with example	(04)
Q-8	**Attempt all questions**	**(14)**
a)	Explain various types of Queries	(07)
b)	Explain Relational Model and Hierarchical Model	(07)