C.U.SHAH UNIVERSITY
Summer Examination-2019

Subject Name: Database Concepts using MS-Access

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

Semester: 2   Date: 29/04/2019   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) What is Data?
   b) Define Information.
   c) What is Data Dictionary?
   d) Write any two advantages of DBMS.
   e) What is RDBMS?
   f) Define Entity.
   g) Define Form
   h) Define Module
   i) What is Field?
   j) What is Metadata?
   k) Parent child Structure is based on which model?
   l) Write full form of OLE.
   m) Define Macros
   n) List Cardinalities of mapping available.

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

Q-2 Attempt all questions: **(14)**
   a) Differentiate: DBMS and RDBMS.   (7)
   b) List and explain various data types of ACCESS.   (7)
   c)

Q-3 Attempt all questions: **(14)**
   a) Explain E-R Diagram with Example   (7)
   b) What do you mean by Table? Write a step to create table using wizard.   (7)

Q-4 Attempt all questions: (14)

    a) Explain Form with its properties. (7)

    b) List and explain any seven Dr. E. F. Codd rules (7)

Q-5 Attempt all questions: (14)

    a) Explain Primary Key and Foreign Key constraints in detail. (5)

    b) Explain Data Dictionary in details (5)

    c) Explain types of Entity. (4)

Q-6 Attempt all questions: (14)

    a) Write a step to create report using blank report and report design. (7)

    b) Explain Relational Model and Network model. (7)

Q-7 Attempt all questions: (14)

    a) Explain components of DBMS. (7)

    b) Explain various functions available in ACCESS (7)

Q-8 Attempt all questions: (14)

    a) Explain wild card and LIKE operator in query (7)

    b) Explain various types of Queries (7)