

C.U.SHAH UNIVERSITY

Summer Examination-2018

Subject Name: Database Concepts using MS - Access

Subject Code: 4CS02IDB2

Branch: B.Sc.I.T.

Semester: 2

Date: 04/05/2018

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 Data?
- b) What is DBMS?
- c) Given the full form of RDBMS
- d) What is Field?
- e) What is Rows?
- f) What is Data Dictionary?
- g) In E-R diagram, an Entity can be represented using _____
- h) What is Macros?
- i) What is the Validation?
- j) What is Schema?
- k) What is Form?
- l) What is Query?
- m) What is Report?
- n) What is Module?

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

Q-2 Attempt all questions

(14)

- a) List and explain the advantages of DBMS (05)
- b) Explain Various Components of DBMS (05)
- c) Differentiate between DBMS and RDBMS (04)

Q-3 Attempt all questions

(14)

- a) List and Explain different types of Data Models (05)
- b) Explain E-R Diagram with Example (05)
- c) Write a note on Data Dictionary (04)

Q-4 Attempt all questions

(14)

- a) Explain any five Database Objects (05)
- b) Write a note on Module in brief (05)



c) Explain any two types of Query (04)

Q-5 Attempt all questions (14)

a) Describe the steps to insert, select and delete records in a MS-ACCESS table (05)

b) Write a brief note on Primary key and Foreign Key constraints (05)

c) Explain Cascade delete and Cascade update (04)

Q-6 Attempt all questions (14)

a) What is Normalization? Explain 1NF and 2NF Normalization Form (05)

b) Write a note on Action Query (05)

c) Explain Pivot Tables (04)

Q-7 Attempt all questions (14)

a) What is Form? Explain Form Creation using Wizard (05)

b) What is Report? Explain Report generation using Design View (05)

c) Explain the process of generating a group report (04)

Q-8 Attempt all questions (14)

a) Describe any two controls used in form (05)

b) Explain the Process of adding calculated control in a Form. (05)

c) Explain 3rd level architecture (04)

