

Roll No.

Total Pages : 2

BAQ/A-20

600

COMPUTER SCIENCE

(Introduction to Database System)

Paper-II

Time : Three Hours]

[Maximum Marks : 40

Note : Attempt *five* questions. Select at least *two* questions from each unit. All questions carry equal marks.

UNIT-I

1. (a) Define Data and Information, and give their differences.
(b) Define Data independence and its types.
(c) Define Functioning of DBA.
(d) Define Mapping and its types.
2. Define Database. Give its components and advantages over Traditional File system.
3. Explain the architecture of Database system with *three* views and explain mappings in this with functions of DBMS.
4. (a) Define Attribute, Entity, FFD and TD.
(b) Explain Relational Model and its properties.
5. Explain Normalization from 1 NF to 3 NF.

UNIT-II

- 6.** (a) What is a Key ? Define Primary key, Secondary key, Foreign key and Super key with examples.
(b) Explain data types of FoxPro.
 - 7.** Explain FoxPro as RDBMS with properties.
 - 8.** Explain the following commands in FoxPro :
Create, Set talk off, Delete, Sort, Index, Append, Insert, Use.
 - 9.** Explain with an example to create formatted report in FoxPro.
 - 10.** Write notes on the following :
 - (a) Query generation in Database.
 - (b) Multiple Databases in FoxPro.
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