



COMSATS University Islamabad Vehari

DEPARTMENT OF COMPUTER SCIENCE 1st Sessional Examination

Instructor: Muhammad Tausif
Course: Data Base 1
Program/ Class: SE

Time Allowed 60 Min
Total Marks: 20

Q.1

(10)

a)

To address the issue of data independence the ANSI-SPARC three level architecture was proposed. Compare and contrast the three level of this model.

b)

Discuss the role of following concepts in data base environment.

- Data Administrator
- Data base administrator
- Application developer
- RDBMS
- Data consistency

Q.2

(10)

According to Dr Edgar F. Codd, which rules can be applied on any database system that manages stored data using only its relational capabilities? (5)

