

Total No. of Questions : 7]

[Total No. of Pages : 2

P850

[3775] - 40

M.B.A. (Sem. - III)

APRIL 2010

COMPUTER SPECIALISATION

(304 C) : Relational Database Management Systems

Time :3 Hours]

[Max. Marks : 70

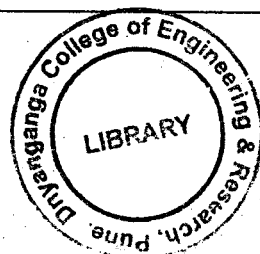
Instructions to the candidates:

- 1) Question No. 1 is compulsory.
- 2) Solve any five from Q No. 2 to Q No. 7.
- 3) Figures to the right indicate full marks.

Q1) Normalise the following upto 3NF.

[20]

ABC India Ltd Sales Invoice					
Customer Code : _____		Inv. No. : _____			
Customer Name : _____		Date : ____/____/____			
Address : _____					
www.sppuonline.com					
Sr. No.	Product Code	Description	Quantity	Rate	Amount
Total Amount _____					
VAT _____					
Octroi _____					
Net Amount _____					
Authorized Signatory _____					



P.T.O

- Q2)** a) Explain the concept of Primary key and Foreign Key with example. [5]  
b) List different users of DBMS & explain the way they are expected to interact with the system. [5]
- Q3)** a) Explain Network Data Model in detail. [5]  
b) Explain the concept of joined Relations with example. [5]
- Q4)** State all CODD's rules. [10]
- Q5)** a) Explain the concept of Inheritance in detail. [10]  
b) Explain Alter and Drop in OOD.
- Q6)** Write short notes on : [10]  
a) Entity and Entity sets.  
b) Database Manager.
- Q7)** Solve the following queries : [10]  
a) Supplier (Sup\_no, name, city).  
b) Items (Item\_no, Description, Weight, color, cost).  
c) Shipment (ship\_no, Sup\_no, Item\_no, Qty).

Query –

- 1) Find all suppliers who supply 'Notebooks'.
- 2) Find all suppliers from 'Nagpur' who supply 'Spring Files'.
- 3) Find out all suppliers with qty more than 500.
- 4) Find out all items supplied by supplier with supplier no. 'S01'.
- 5) Find out total weight of consignment of shipment no. '1256'.

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