

Subject : I. T. - Elective-II b) Database Management with SQL Server

Day : Thursday
Date : 09/06/2016



Time : 02.00 P.M. TO 05.00 P.M.
Max Marks : 80 Total Pages : 1

N.B.:

- 1) Answer any **FIVE** questions from Section –**I** and any **TWO** questions from Section – **II**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SAME** answer book.

SECTION – I

- Q.1** Explain codd’s 12 rules with reference to SQL server. (10)
- Q.2** Define stored procedure. Explain its use in SQL server with syntax and example. (10)
- Q.3** What is function? Explain 5 string functions and 5 conversion functions with example. (10)
- Q.4** Explain replication and its types in detail. (10)
- Q.5** Explain different database options used in SQL server. (10)
- Q.6** Define Trigger. Discuss trigger handling in detail. (10)
- Q.7** Write a short notes on: (Any **TWO**) (10)
- a) Views
 - b) Normalization
 - c) User defined data types
 - d) Database shrinking

SECTION - II

- Q.8** Consider following tables.
Sales person (Snum, Sname, city, Commission)
Customer (Cnum, Cname, City, Snum)
Order (Onum, Amt, Odate, Cnum, Snum)
- a) Create above tables with proper constraints. (05)
 - b) Display dates of orders given by customer ‘Akash’. (02)
 - c) Find details of all customers served by salesperson ‘A’ or ‘B’. (02)
 - d) Retrieve number of sales persons who are present in the order table. (02)
 - e) Display name of customer who has placed order of number ‘O5’. (02)
 - f) Find the name of sales person who get commission between 2000 and 5000. (02)
- Q.9**
- a) Pass two strings to a function and print smaller string. (07)
 - b) Pass a number to a function and check whether it is divisible by 5 or not. Display the message. (08)
- Q.10** ABC Company planned to raise the commission for all sales persons from city ‘Hydrabad’ by Rs. 5,000. the ‘raise’ table is created to maintain such records. Write a cursor to update commission of each salesperson and insert record in the raise table. (15)
Consider tables:-
Sales person (Snum, City, Commission)
Raise (Snum, raise, date, raise, amount)

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