

S.D.E.
M.C.A. Sem - IV : WINTER - 2018
SUBJECT : DATABASE MANAGEMENT WITH SQL SERVER

Day Friday
Date 07/12/2018

W-2018-4812

Time : 02.00 PM TO 05.00 PM
Max. Marks : 80.

N.B.:

- 1) Solve any **FIVE** questions from Section-I and any **TWO** questions from Section-II.
 - 2) Figures to the **RIGHT** indicate full marks.
-

SECTION-I

- Q.1** Define views. Illustrate need of the views to reduce redundancy of data. Give suitable examples and syntaxes. **(10)**
- Q.2** Differentiate between stored procedures and stored functions. Illustrate with the example. **(10)**
- Q.3** a) Explain client-server architecture of SQL server. **(05)**
 b) Describe various roles of SQL server. **(05)**
- Q.4** Why joins are used? Explain inner join and outer join with suitable examples. **(10)**
- Q.5** Discuss various security modes used in SQL server. **(10)**
- Q.6** What is replication? Explain various types of replication. **(10)**
- Q.7** Write short notes on any **TWO** of the following: **(10)**
- a) Database permissions
 - b) Index
 - c) Data abstraction
 - d) Normalization.

SECTION-II

- Q.8** Consider the following tables- **(08)**
- a) Dept (Deptno, Dname, location) **(08)**
 Emp (Empno, Empname, Salary, Deptno)
 - b) Write a cursor to print the name of employee working in deptno 10 and having minimum salary. **(07)**
- Q.9** Accept employee name and pass it to a procedure and check whether he is present in sales department or not, if yes, print his details. **(15)**
- Q.10** Refer Emp table of Q. No. 8 **(15)**
Write a trigger which will not allow Insert/ Update / delete on Saturdays and Sundays.

* * *