PA-1819

SEAT No. :

[Total No. of Pages : 3

[5952]-417

S.Y. B.Com.

COMPUTER PROGRAMMING AND APPLICATION - II Relational Database Management System (2019 Pattern) (CBCS) (Semester - IV) (246L)

Time : 2¹/₂ Hours]

[Max. Marks : 70

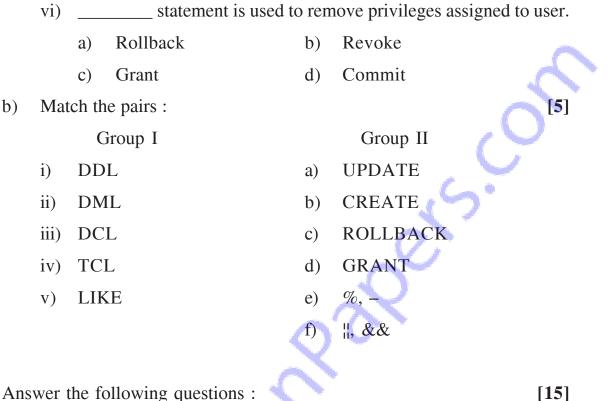
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Instructions to the candidates:

- 1) Q.No. 1 and Q.No. 6 are compulsory.
- 2) Solve any three questions from the remaining questions No. 2, 3, 4 and 5.
- 3) Figure to the right indicates full marks.

Q1) a) Fill in the blanks (any five) :

- i) _____ statement is used to add new row of data to a table in the database.
 - a) Update b) Insert
 - c) Drop () d) Select
- ii) DSN stands for _____.
 - a) Data source mode b) Data source name
 - c) Data side mode d) Data sink mode
- iii) _____ statement is used to add, delete or modify column in an existing table.
 - a) Update b) Insert
 - c) Alter d) Delete
- iv) _____Command is used to save changes invoked by transaction to the database.
 - a) Update b) Rollback
 - c) Commit d) Drop
- v) _____ function returns the systems current date and time.
 - a) New-Time b) Last-day
 - c) Sysdate d) Time



Q2) Answer the following questions :

What are the disadvantages of RDBMS? a)

- Write select command with all options. b)
- Employee table having following structure : c) (Emp_id, emp_name, J_date, salary)
 - Create employee table with above given structure. i)
 - Display all records of employee having Joining date as ii) 15-May-2022.
 - Add following record to employee table. iii)
 - (01, Ravi Raj, 15-June-2022, 40000)
 - Delete Record of employee having $Emp_id = 01$ iv)
 - Change employee name of employee id = 05 to "Amit Deo". v)

[15]

- Q3) Answer the following questions :
 - Explain datatypes of SQL a)
 - b) Explain comparison operators of SQL
 - Write any five numeric functions of SQL c)

[5952]-417

2

- Q4) Answer the following questions :
 - a) Explain types of SQL JOINS.
 - b) Write an IN and BETWEEN operator.
 - c) Explain syntax of sequence.

Q5) Answer the following questions :

- a) Explain purpose of using subquery.
- b) Write an SET operators.
- c) Write an EXISTS and NOT EXISTS operator.

Q6) Write short notes on following (any 3):

- a) Primary key
- b) Foreign key
- c) ADO
- d) DSN
- e) DDBMS

HHH

[15]

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