

Total No. of Questions : 6]

SEAT No. :

PA-1819

[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 : 2½ Hours]

[Max. Marks : 70

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) : [5]

- 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

P.T.O.

vi) _____ statement is used to remove privileges assigned to user.

- a) Rollback
- b) Revoke
- c) Grant
- d) Commit

b) Match the pairs : [5]

Group I

Group II

- i) DDL
 - ii) DML
 - iii) DCL
 - iv) TCL
 - v) LIKE
- a) UPDATE
 - b) CREATE
 - c) ROLLBACK
 - d) GRANT
 - e) %, -
 - f) ||, &&

Q2) Answer the following questions : [15]

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

Q3) Answer the following questions : [15]

- a) Explain datatypes of SQL
- b) Explain comparison operators of SQL
- c) Write any five numeric functions of SQL

Q4) Answer the following questions : [15]

- a) Explain types of SQL JOINS.
- b) Write an IN and BETWEEN operator.
- c) Explain syntax of sequence.

Q5) Answer the following questions : [15]

- 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) : [15]

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

