

Total No. of Questions : 6]

SEAT No. :

PB1334

[6224]-417

[Total No. of Pages : 3

S.Y.B.Com.

246 L : RELATIONAL DATABASE MANAGEMENT SYSTEM

Computer Programming And Application - II

(2019 Pattern) (CBCS) (Semester - IV)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

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

Q1) A) Fill in the blanks.

[5]

a) The _____ of following is not a valid SQL Data type.

- i) FLOAT
- ii) NUMERIC
- iii) DECIMAL
- iv) CHARACTER

b) A collection of interrelated records is called a _____

- i) Database
- ii) Spreadsheet
- iii) Management information system
- iv) Text file

c) The Primary key must be _____.

- i) Unique
- ii) Not Null
- iii) Duplicates
- iv) Both A and B

PTO.

- d) Datatype _____ is an integer that can be 0, 1 or null.
- i) Bit
 - ii) Boolean
 - iii) Integer
 - iv) Char
- e) In SQL, _____ command inserts new data into a database
- i) Insert Into
 - ii) Add Into
 - iii) Modify
 - iv) Select

B) Answer of the following queries [5]

Customer table having following structure. (Cust_ id, Name, Date, BAmount)

- a) Display all records of customers in descending order of name
- b) Find all customers whose bill amount is less than Rs. 500
- c) Delete the record of customer having Cust_id = 09
- d) Change the date of Customer id = 09 to 15-March-2023
- e) Delete record of customer whose bill amount is 0.

Q2) Answer the following questions [15]

- a) What is DBMS?
- b) What is foreign key?
- c) Explain features of Structured Query Language (SQL)?

Q3) Answer the following questions [15]

- a) What are the Disadvantages of RDBMS?
- b) Write on check constraint?
- c) What is unique and NOT NULL constraint?

Q4) Answer the following questions. [15]

- a) Explain DDL commands of SQL.
- b) Explain select command with all options?
- c) What is SET operator in SQL?

Q5) Answer the following questions. [15]

- a) Explain aggregate functions with examples
- b) What are scalar sub queries
- c) Explain user privileges in detail

Q6) Answer the following (Any Three) [15]

- a) What is rollup operator in SQL
- b) What is use of ADO?
- c) What is DSN
- d) Explain IN and NOT IN operator

❧ ❧ ❧