

P-203

P.G.D.C.A. II Semester Examination 2020

Paper : PGDCA-203
Database Management System

Max.Marks : 100

Min.Marks: 40

Note: Attempt all questions.

Unit - I

- 1.(a) Explain the architecture of DBMS system.
(b) Short notes – (i) DML (ii) DDL.

OR

- 2.(a) Explain the role of DBA.
(b) Explain the term database schema.

Unit - II

- 3.(a) What are keys? Discuss various types of keys.
(b) What is attribute? Explain the types of attributes..

OR

- 4.(a) What is normalization? Explain its types.
(b) Write short note on Relational Calculus..

Unit - III

- 5.(a) Discuss the network database model with example.
(b) Explain the types of crashes.

OR

- 6.(a) Compare the hierarchical and relational data model.
(b) Explain the protection and security of database.

Contd...

(2)

Unit - IV

- 7.(a)** Explain the basic structure of an SQL statement.
(b) Write short note on Relational Algebra.

OR

- 8.(a)** What is Join? Explain it.
(b) Write short note on sub-queries.

Unit - V

- 9.(a)** What are triggers? Explain types of triggers.
(b) What are database assertions?

OR

- 10.(a)** Explain the integrity rules.
(b) Write the importance of database rules.

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