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PGDCA Examination, 2022

D.B.M.S. (SQL/ORACLE)

Time Allowed : Three Hours

Maximum Marks : 100

Minimum Passing Marks : 40

Note : Attempt **all five** unit. **One** question from each unit is **compulsory. All** questions carry **equal** marks.

Unit - I

1. What is DBMS ? Explain the role of DBA with suitable example. [20]

OR

What is Data Abstraction ? Explain with suitable example.

Unit - II

2. Explain the Generalization, specialization and aggregation with suitable example. [20]

OR

Explain the concept of E-R model and briefly explain the week entity set and strong entity set.

Unit - III

3. What is Relational Algebra ? Explain the importance of Relational Algebra. [20]

OR

Explain the types of SQL keys in detail with suitable example.

Unit - IV

4. What is Normalization ? Explain the types of Normalization. [20]

OR

What do you understand by Decomposition ? Explain the difference between Bad and Good decomposition.

Unit - V

5. What is Personnel and Enterprises Oracle ? Explain the data types and commercial query language. [20]

OR

Write short notes on the following :

(a) Block structure in PL-SQL/TSQL

(b) Database access with PL-SQL/TSQL

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