



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY
(Under Government of Kerala)
CEP EXAMINATION-FEBRUARY 2022
Subject: RDBMS
DCA

Register No.

Time: 3 Hours
Maximum Marks:100

I. Fill in the blanks. Answer ALL questions.

(10 x 1 = 10)

1. DCL stands for _____
2. A rectangle represents _____ in an ER Diagram.
3. A row in the table is called _____
4. Overall design of data base is known as _____
5. SQL stands for _____
6. Expansion of DML is _____
7. Server processes, also known as _____
8. Min () is an example of _____ function.
9. In TCL _____ command is used to save work done.
10. The _____ statement is used to create indexes in tables.

II.Explain briefly. Answer any TEN questions.

(10 x 4 = 40)

1. Briefly explain about ACID property.
2. Write a short note on First Normal Form.
3. What is SQL?
4. Differentiate between DDL and DML.
5. What do you mean by data redundancy?
6. What do you mean by commit and rollback?
7. What is Referential Integrity?
8. Write the purpose of indexing in databases.
9. What is a candidate key?
10. What is a stored procedure?
11. Expand DDL? Write the statements in DDL.
12. Write a note on database schema.
13. What do you know about buffer management?

III. Answer any FIVE questions. Explain in detail.

(5 x 10 = 50)

1. Explain about File Organization.
2. Discuss about various database system architectures.
3. Explain the different types of joins in Database Management System.
4. Explain the concept of concurrency control and lock based protocol.
5. What is Normalization? State the different Normal Forms with examples.
6. What is a View? How will you create, update and delete a view?
7. What do you mean by ER model? Explain in detail with example?
