



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY
(Under Government of Kerala)
CEP EXAMINATION-FEBRUARY 2020
Subject: RDBMS
DCA

Register No.

Time: 3 Hours
Maximum Marks:100

I. Fill in the blanks. Answer ALL questions.

(10 x 1 = 10)

1. Expansion of RDBMS is _____
2. _____ aggregate function is used to count number of rows.
3. The language used for defining data structures is _____
4. To specify a sorting order in which the result tuples of a query are displayed _____ clause is used.
5. Example for wild card operator is _____
6. The _____ statement is used to delete an index in a table.
7. A _____ is a schema object that contains data from one or more tables.
8. A table is the combination of _____ and _____
9. In an ER data model, _____ is represented by diamonds.
10. Column of a table in database table is called _____

II. Explain briefly. Answer any TEN questions.

(10 x 4 = 40)

1. What are the two types of data independence?
2. Briefly explain ACID properties.
3. Write short note on Referential Integrity.
4. What do you understand by the term database Instance?
5. What is a table and its uses?
6. Define attribute.
7. What is a view?
8. What is a database transaction?
9. Write SQL statement to select records from a table those age greater than 60.
10. Write at least 4 string functions with its usage.

11. Write short note about column constraints and table constraint.
12. What do you understand by the term Commit and Rollback?
13. What is the use of ALTER TABLE statement? Write the syntax of ALTER TABLE.

III. Answer any FIVE questions. Explain in detail.

(5 x 10 = 50)

1. Explain the classification of Database Models.
2. Explain entity-relationship model.
3. What are the different statements used in DDL and DML with examples?
4. What do you mean by deadlock? Explain its detection and prevention.
5. List out the different types of joins in DBMS with examples.
6. What is Normalization? State the different Normal Forms with examples.
7. Explain the different file organization techniques.
