



LBS CENTRE FOR SCIENCE & TECHNOLOGY
PGDCA I SEMESTER REGULAR/SUPPLEMENTARY EXAMINATION –JANUARY 2020
L 104 DBMS & ORACLE

Time: 3 Hrs.

Max. Marks: 100

PART A (Answer all questions. 1 mark each)

I Answer all questions in one or two sentences. Each question carries 1 mark.

1. What is data?
2. Write the full form of RDBMS.
3. Define the term Relationship.
4. What is an attribute?
5. Define ER model.
6. What is SQL?
7. What is a view?
8. Full form of PL/SQL?
9. What is meant by the term Join?
10. What is Data mining?

[10 x 1=10]

PART B

II Answer any TEN questions from the following. (Each question carries 3 marks)

1. Difference between Record and Table?
2. List any three numeric data types in Oracle?
3. What is a PL/SQL to display the count of records in table?
4. What is Data Independence? Explain different types?
5. What is the difference between schema and sub schema?
6. Explain mapping Cardinality.
7. What is entity set? List different types.
8. Write the syntax of SQL select statement to display the records in sorted order .Explain
9. Name any three string functions in Oracle and its use?
10. What is a cursor in PL/SQL? List the different types.
11. What is UML?
12. Write PL/SQL program structure with an example.
13. Write the full syntax of conditional statement ' if ' in PL/SQL.
14. What is a trigger? Explain with a simple example.
15. What is a primary Key? Explain with a simple database table ?

[10 x 3 =30]

PART C

III Answer any FIVE questions from the following. (Each question carries 12 marks)

1. Explain any three Database Models in detail with the help of diagram.
2. What are the advantages of database management system?
3. What is ER Diagram? Explain with the help of diagrams.
4. What is normalization? Explain any three different forms?
5. Define and explain ACID Property.
6. Explain SQL statements to add, modify and remove data to/from a table with example.
7. What is DDL? Explain any three DDL statements with example.
8. What is PL/SQL Loop? Explain different loops with example.
9. A database table contains itemcode , name , rate and quantity. Write a PL/SQL program to prepare a list which shows the details along with total price (quantity x rate) and Grand Total.
10. A database table contains name, appno, course and year. Write a PL/SQL program using cursor, to display all students, studying in a particular course in the order of appno.

[5 x 12 =60]