



Unit - 1

- 1) Define following terms.
 - a. Data
 - b. Information
 - c. Database
 - d. Database system
 - e. Metadata
 - f. Files
 - g. Records
 - h. Schema
 - i. Sub schema
 - j. Instance
- 2) List out DML commands and explain with example.
- 3) List out DDL commands and explain with example.
- 4) Write about TCL commands with example.
- 5) Differentiate Grant v/s Revoke.
- 6) Explain SELECT command with suitable examples.

Unit – 2

- 7) Explain Date Functions with example.
- 8) Explain Datatypes of SQL.
- 9) Write any four character function with example.
- 10) Explain any five numerical function with example.
- 11) Explain LIKE operator with example.
- 12) Explain logical operators in detail.
- 13) Explain relational operator with example.



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DI - SEMESTER-III • QUESTION BANK (All Syllabus)

Subject Code: 4330702

Subject Name: Relational Database Management System

- 14) List different operators. Explain arithmetic and range searching (between) operators with example.
- 15) Explain group-by, having and order by clause with example.
- 16) Make student and college tables as per below.
 - i. student – stu_id, stu_name, dob, branch, sem, city
 - ii. college - col_id, stu_id, col_name, dept, seatsApply inner join, left join and outer join on above table and write output.
- 17) Explain UNION, INTERSECT and MINUS with suitable example.

Unit – 3

- 18) Explain domain integrity constraints with example. (Not Null, Check).
- 19) Explain Primary key and Unique key with an example.
- 20) Write about Referential constraints.
- 21) What is Index? Explain types of INDEX with an example.
- 22) Explain synonyms. How to create and destroy it?
- 23) What is sequence? How to create it? How to destroy it?
- 24) Define VIEW, give types of it and how to create it? Also give advantages.

Unit – 4

- 25) What is PL/SQL? Explain the Generic Block of PL/SQL. Also write advantages of PL/SQL block.
- 26) How to declare variable, assign value to the variable and display message in PL/SQL block.
- 27) Explain conditional control in PL\SQL.
- 28) Explain iterative control (LOOP, WHILE and FOR statement) with example.
- 29) Write a PL/SQL block to find given number is odd number or even number.
- 30) Write a PL/SQL block to find maximum number out of three numbers.



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- 31) Write a PL/SQL block to find factorial of given number.
- 32) Explain Anchored data type with Example.
- 33) Explain different types of cursors.
- 34) Explain Exception Handling with its types and example.
- 35) What is trigger? How to create it Explain with its types.
- 36) How to create function in PL/SQL block? Give one example.

Unit – 5

- 37) What is Normalization? Explain advantages and disadvantages of it.
- 38) Explain First Normal Form with Example.
- 39) Explain Second Normal Form with Example.
- 40) Explain Third Normal Form with Example.
- 41) What is functional dependency, fully functional dependency, partial Functional dependency and transitive dependency?