5th Sem.

Subject : Relational Database Management System

Time : 3 Hrs.   M.M. : 100

SECTION-A

Note: Objective type questions. All questions are compulsory   (10x1=10)

Q.1   RDBMS stands for _____.

Q.2   Define Tuple.

Q.3   DDL stands for _____.

Q.4   SQL stands for _____.

Q.5   Write down the use of LIKE operator.

Q.6   Count function is used for _____.

Q.7   Define sub query.

Q.8   Write the use of INSERT statement.

Q.9   Write down the use of UPDATE command.

Q.10 Define local variable.

SECTION-B

Note: Very short answer type questions. Attempt any ten questions out of twelve questions.   (10x2=20)

Q.11 Write down the use of Join.

Q.12 What do you mean by entity integrity.

Q.13 Define the term data independence.

Q.14 Differentiate between primary and candidate key.

Q.15 What do you mean by stored procedure.

Q.16 Define indexes.

Q.17 Differentiate between the DELETE and TRUNCATE command in SQL.

Q.18 Define non trival dependencies.

Q.19 Name any two relational operators used in SQL queries.

Q.20 Write syntax and meaning of DROP table command.

Q.21 Why do we use where clause.

Q.22 Define a foreign key.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x5=40)

Q.23 Write a short note on database security.

Q.24 What do you mean by normalization. Why this is useful.

Q.25 Define the term redundancy. How this can be avoided.

Q.26 Explain in brief the Data Control Statement in SQL.

Q.27 How try and catch statement is used.

Q.28 Differentiate between 3NF and BCNF.

Q.29 Write short note on (a) Grant statement (b) revoke statement.

Q.30 Differentiate between procedural and non procedural DML.

Q.31 Write a short note on :- (a) Database level triggers and (b) Server level triggers.

Q.32 Write a short note on user defined functions.

SECTION-D

Note: Long answer type questions. Attempt any three questions out of four questions. (3x10=30)

Q.33 Define view. How a view is created. What are its advantages and disadvantages.

Q.34 Explain in detail various types of normal forms.

Q.35 What do you mean by triggers. How do we create and use a trigger.

Q.36 Define DML. What are the functions performed by DML. Enlist four DML commands.