

matching key in the left table are include in the result set:

a. Left outer join b. Right outer join c. Full outer join d. Half outer join

m) To include integrity constraint in an existing relation use:

a. Create table b. Modify table c. Alter table d. Drop table.

n) Which one of the following attributes can be taken as a primary key?

a. Name b. Street c. Id d. Department

Attempt any four questions from Q-2 to Q-8

Q-2	Attempt all questions	(14)
a)	What is DDL? Explain any three commands with proper example.	7
b)	Draw and explain Architecture of ANSI SPARC Database Architecture.	7
Q-3	Attempt all questions	(14)
a)	Give the differences between DA and DBA.	7
b)	List out different types of database model and explain any one in detail.	7
Q-4	Attempt all questions	(14)
a)	Write a note on different constraints in DBMS.	7
b)	Draw ER diagram for college management system.	7
Q-5	Attempt all questions	(14)
a)	Explain Primary key & Foreign key with Suitable example.	7
b)	Write a note on different aggregate function in SQL.	7
Q-6	Attempt all questions	(14)
a)	List out and explain different types of joins used in DBMS.	7
b)	Explain steps of query processing with the help of neat diagram.	7
Q-7	Attempt all questions	(14)
a)	Explain function, procedure and cursor in SQL.	7
b)	What is Normalization? Why it is useful? Explain 3NF and 4NF with example.	7
Q-8	Attempt all questions	(14)
a)	Explain Specialization, Generalization and Aggregation concept with diagram.	7
b)	Explain following relational algebraic operation (i) Selection (ii) Union (iii) Cross product with example.	7

