

**FACULTY OF COMMERCE & BUSINESS
MANAGEMENT KAKATIYA UNIVERSITY
Vidyaranyapuri, Warangal**

B.Com (Computer Applications) III Semester

-- Practical Question Bank --

**RELATIONAL DATABASE MANAGEMENT
SYSTEM**

DSC303

Record: 10
Practical: 10
Viva: 15
Total: 35

A. Create a **Supplier** table as shown below : (for questions from 1 to 10)

Sup_No (Primary Key)	Sup_Name	Item_Supplied	Item_Price	City
S1	Suresh	Keyboard	400	Hyderabad
S2	Kiran	Processor	8000	Delhi
S3	Mohan	Mouse	350	Delhi
S4	Ramesh	Processor	9000	Bangalore
S5	Manish	Printer	6000	Mumbai
S6	Srikanth	Processor	8500	Chennai

1. Write sql query to display Supplier numbers and Supplier names whose name starts with 'R'
2. Write sql query to display the name of suppliers who supply Processors and whose city is Delhi.
3. Write sql query to display the names of suppliers who supply the same items as supplied by Ramesh.
4. Write sql query to increase the price of Keyboard by 200.
5. Write sql query to display supplier numbers, Supplier names and item price for suppliers in Delhi in the ascending order of item price.
6. Write sql query to add a new column called CONTACTNO.
7. Write sql query to delete the record whose item price is the lowest of all the items supplied.
8. Create a view on the table which displays only supplier numbers and supplier names.
9. Write sql query to display the records in the descending order of item price for each item supplied.
10. Write sql query to display the records of suppliers who supply items other than Processor or Keyboard.

- B.** Below are the details of Employees working for a software Company. (For questions from 11 to 20) Create the table called **EmpDetails** with the below mentioned details.

Eid (Primary Key)	Ename	DOB	Designation	Salary	DOJ
E101	Suma	29-Dec-89	Designer	20000	01-Apr-10
E102	Amit	10-Jan-95	Programmer	25000	18-Feb-18
E103	Payal	15-Aug-85	Tester	35000	13-Jun-11
E104	Kiran	20-Apr-90	Programmer	40000	7-Mar-14
E105	Meenal	29-May-83	DBA	50000	9-Dec-11
E106	Sheila	1-May-70	Analyst	60000	25-Sep-18
E107	Swamy	13-Jan-85	Programmer	45000	14-Feb-16
E108	Sushma	22-Dec-76	DBA	45000	31-Jan-12

11. Write sql query to display all the employees whose designation is Programmer.
12. Write sql query to display employees who have joined after 2014.
13. Write sql query to display all the employees whose name ends with 'a'.
14. Write sql query to display the total salary of all the employees whose designation is programmer.
15. Write sql query to display all the employee names in uppercase.
16. Write sql query to display the details of the employee with highest experience.
17. Write sql query to display the details of the employees whose name contains 'ee'.
18. Write sql query to increase the salaries of employees by 5000 whose designation is DBA.
19. Write sql query to display the employees whose salary is more than the average salary of all the employees.
20. Write sql query to display the record in the following format: xxxxxxxx is working as xxxxxxxxxxxxxxxx with a Salary of Rs. xxxxxxxx

eg: Suma is working as Designer with a Salary of Rs. 20000