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| **QUESTION**  **NO.** | **OBJECTIVE & SOLUTIONS** |
| **3.** | Write SQL Commands for questions 1 to 5 based on the table TEACHER  1) To show all information about the teachers whose salary is greater than 20000.  2) To list all female teachers who are from History department.  3) To list all names of all teachers beginning with ‘M’ sorted by Name in descending order.  4) To count number of teachers with age less than 32.  5) To display the maximum salary . |
| **SOURCE**  **CODE:** | 1. Select \* from TEACHER where SALARY>20000; 2. Select NAME from TEACHER where SEX=’F’; 3. Select NAME from TEACHER where NAME like ‘M%’ order by NAME desc; 4. Select Count(\*) from TEACHER where AGE>32; 5. Select max(SALARY) from TEACHER; |
| **OUTPUT:** | 1. 1 2. 1 3. 1 4. 1 5. 1 |

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| **QUESTION**  **NO.** | **OBJECTIVE & SOLUTIONS** |
| **4.** | Write SQL Commands for questions 1 to 3 on the basis of table ADMIN and give the output for queries 4 and 5.    1) To alter the table to add new column EXPERIENCE.  2) To update table ADMIN by giving all staff 10 yrs experience.  3) To display the records in the descending order of staff name .  4) To display the number of staff names beginning with letter ‘R’.  5) To display the number of teachers in each subject |
| **SOURCE**  **CODE:** | 1. Alter table ADMIN add EXPERIENCE int; 2. Update ADMIN set EXPERIENCE=10; 3. Select \* from ADMIN order by TNAME; 4. Select count(TNAME) from ADMIN where TNAME like ‘R%’; 5. Select count(\*), SUBJECT from ADMIN group by SUBJECT; |
| **OUTPUT:** | 1. 1      1. 1      1. 1 2. 1 |