**DBMS**

**QUIZ # 2**

**BCSF19A540**

**PUCIT-NC**

**­­­­­­Q # 1:**

**A:**

σ Female\_students.marks>Male\_Students.marks

**B:**

|  |  |  |
| --- | --- | --- |
| **Id** | **Marks** | **Gender** |
| 1 | 45 | F |
| 2 | 55 | F |
| 3 | 60 | F |

**Q # 2:**

**A:**

σ Student.name = Employee.name

**B:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Roll\_No** | **NAME** | **Age** | **Phone** | **Emp\_No** | **NAME** | **Age** | **Phone** |
| 1 | Ali | 18 | 11111111 | 1 | Ali | 18 | 11111111 |
| 4 | Ayesha | 19 | 44444444 | 4 | Ayesha | 19 | 44444444 |

**C:**

σ Student.name = Employee.name

**Q # 3:**

**A:**

Student, 3, 3, 4

Course, 3, 3, 3

**B:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **FIRST NAME** | **LAST NAME** | **SEMESTER** | **ID** | **COURSE** | **CREDIT HOURS** |
| 1 | Ali | Usman | 2 | 1 | ITC | 2 |
| 1 | Ali | Usman | 2 | 1 | PF | 4 |
| 1 | Ali | Usman | 2 | 1 | OOP | 5 |
| 2 | Ahmad | Khan | 4 | 2 | ITC | 2 |
| 2 | Ahmad | Khan | 4 | 2 | PF | 4 |
| 2 | Ahmad | Khan | 4 | 2 | OOP | 5 |
| 3 | Arif | Faisal | 1 | 3 | ITC | 2 |
| 3 | Arif | Faisal | 1 | 3 | PF | 4 |
| 3 | Arif | Faisal | 1 | 3 | OOP | 5 |

**Q # 4:**

**F:**

ρ (Sno, SName) (STUDENT)

**Q # 5:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Age** | **Gender** | **Id** | **Course** |
| Basit | 14 | M | 1 | DS |
| Basit | 14 | M | 2 | DBMS |
| Ayesha | 15 | F | 1 | DS |
| Ayesha | 15 | F | 2 | DBMS |
| Ali | 20 | M | 1 | DS |
| Ali | 20 | M | 2 | DBMS |

**Q # 6:**