**Database Systems and Web Lab (15B17CI372)**

**Lab Test-1**

**Max marks: 20 Max Time: 50 mins**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| ***Tbl\_Bank***   |  |  |  | | --- | --- | --- | | B\_ID | B\_NAME | B\_TYPE | | 1 | ICICI | Private | | 2 | SBI | Government | | 3 | PNB | Government | | 4 | HDFC | Private | | ***Tbl\_Account***   |  |  |  |  |  | | --- | --- | --- | --- | --- | | A\_ID | B\_ID | C\_ID | A\_TYPE | AMOUNT | | 1 | 1 | 2 | Savings | 50000 | | 2 | 1 | 3 | Current | 2000 | | 3 | 2 | 1 | Current | 5000 | | 4 | 4 | 1 | Savings | 65000 | | 5 | 3 | 3 | Savings | 85000 | | 6 | 2 | 4 | Current | 10000 | |
| ***Tbl\_Customer***   |  |  |  | | --- | --- | --- | | C\_ID | C\_NAME | AGE | | 1 | Jhuma | 21 | | 2 | Kanan | 45 | | 3 | Amey | 36 | | 4 | Radha | 38 | |

Create tables as given and write SQL queries.

**Odd Machine:**

1. Find the names of all customers who do not have a savings account.
2. Which customer has the minimum amount across all types of accounts held by him/ her?
3. Find all customers who have both savings and current account.
4. Display the total amount held by each bank.
5. Find the name of all customers who hold an account in a government bank and are more than 35 years old.

**Even Machine:**

1. Find the name of the bank with maximum number of customers.
2. Display the total customers for each bank.
3. Which bank has customers in the age group 30 to 50?
4. Which bank holds the maximum amount across all its accounts?
5. Find the name of all customers having an account in both ‘ICICI’ and ‘PNB’ and are not more than 40 years old.