**Practical: 6**

**Aim: Implement Circuit for Logic Micro operations.**

**Theory:**

Logic micro operations refer to the logic operations on bits of a pair of register or single register. Following table shows the some logic micro operations.

|  |  |
| --- | --- |
| **Function** | **Micro operations** |
| Clear | C1 : A <= 0 |
| AND | C2 : A <= A . B |
| OR | C3 : A <= A + B |
| EX-OR | C4 : A <= A ⊕ B |
| Complement | C5 : A <= A |

**Circuit Diagram:**

