**MATRIC NO: 18/sci01/048**

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**DEPT: Computer Science**

**COURSE: CSC202**

A\*(B+C) = A\*B + A\*C

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|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | C | | B+C | A\*(B+C) | A\*B | A\*C | (A\*B) + (A\*C) |
| 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | | 1 | 0 | 0 | 0 | 0 |
| 0 | 1 | 0 | | 1 | 0 | 0 | 0 | 0 |
| 0 | 1 | 1 | | 1 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 1 | | 1 | 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | | 1 | 1 | 1 | 0 | 1 |
| 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |