# Lab 1 By Amrit Singh (814994)

Truth Table:

| A | B | C | $Z = AB + BC + A\overline{C}$ |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 0 |
| 1 | 1 | 0 | 1 |
| 0 | 1 | 1 | 1 |
| 1 | 0 | 1 | 0 |

Waveform in timing window: