**Activity Network Diagram Calculations**

*TE*

|  |  |  |  |
| --- | --- | --- | --- |
| Event | Immediate Predecessor | TE for predecessor and activity time | TE |
| A | None | - | 0 |
| B | A | 0 +7 | 7 |
| C | A | 0+2 | 2 |
| D | C | 2+10 | 12 |
| E | B | 7+10 | 17 |
| F | B | 7+10 | 17 |
| G | D | 12+10 | 22 |
| h | E | 17+5 | 22 |
|  | F | 17+5 | 22 |
|  | G | 22+4 | 26 –This is the earliest possible time to finish the project |

*TL*

|  |  |  |  |
| --- | --- | --- | --- |
| Event | Immediate successor | TL for successor and activity time | TL |
| H | None | - | 26 |
| G | H | 26-4 | 22 |
| F | H | 26-5 | 21 |
| E | H | 26-5 | 21 |
| D | G | 22-10 | 12 |
| C | D | 12-10 | 2 |
| B | E | 21-10 | 11 |
| A | F | 21-10 | 11 |
|  | B | 11-7 | 4 |
|  | C | 2-2 | 0 |