**Scenario: Controlling Circuits Using Logic**

1. A,

|  |  |  |  |
| --- | --- | --- | --- |
| 1. A. | A | B |  |
|  | 0 | 0 | 0 |
|  | 0 | 1 | 0 |
|  | 1 | 0 | 1 |
|  | 1 | 1 | 1 |

1. C.

29.

|  |  |  |  |
| --- | --- | --- | --- |
| E. | A | B |  |
|  | 0 | 0 | 0 |
|  | 0 | 1 | 0 |
|  | 1 | 0 | 1 |
|  | 1 | 1 | 0 |

1. B.
2. D.

32. C. W = H + (T∙S) + (E ∙ω)

33.

|  |  |  |  |
| --- | --- | --- | --- |
| E. | L | W | TW |
|  | 0 | 0 | 0 |
|  | 0 | 1 | 0 |
|  | 1 | 0 | 0 |
|  | 1 | 1 | 1 |