Madriaga, Ywee Amer

BSCS – 3

Quiz

I.

1. False

2. True

3. True

4. False

II.

1.

|  |  |  |
| --- | --- | --- |
| p | q | p ^ q |
| T | T | T |
| T | F | F |
| F | T | F |
| F | F | F |

2.

|  |  |  |  |
| --- | --- | --- | --- |
| p | q | p ^ q | –(p ^ q) |
| T | T | T | F |
| T | F | F | T |
| F | T | F | T |
| F | F | F | T |

3.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| p | q | p->q | –q | (p->q)^(–q) |
| T | T | T | F | T |
| T | F | F | T | F |
| F | T | T | F | F |
| F | F | T | T | F |

4.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| p | q | (pVq) | (–pVq) | (pVq)↔(–pVq) |
| T | T | T | F | T |
| T | F | T | T | T |
| F | T | T | T | T |
| F | F | F | T | F |