Question 1: Choose the correct truth table for the expression: not (A or not B) Option A: Option B: Option C: Option D:

Correct Answer: Option A

Question 2: Choose the correct truth table for the expression: not (A and not B and not C and D)

Option A:

| Option B:    | 1 1                                    |          |          | l <b>I</b>     |
|--------------|--|----------|----------|----------------|
| Option C:    | В                                      | C        |          | Q              |
| Option D:    | B.                                     | 8        | -8       | Q              |
| <del>-</del> | <del> </del>                           | 8        | 8        | 8              |
| _8_          | _8_                                    | 8        | <b>B</b> |                |
| 8            | 8                                      | 88       | Y.       |                |
| 8            | 8                                      | <b>9</b> | ង        | I ₹ I          |
| 8            | 8                                      | <b></b>  | ð        | 1 1            |
| 9            | <b>Q</b>                               | 1        | ф        | 1 1            |
| 8            | 99                                     | 9000     | Ж.       | မှု            |
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| ğ            | 圭                                      | 8        | 88       | <b>主</b>       |
| A            | 1                                      | 1        | Ř        | ≢              |
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| <b>主</b>     | 8                                      | 1 1 1    | 8        | 8 1            |
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| 1            | 1                                      | 1        | 1        | OD:            |

Correct Answer: Option A

Question 3: Choose the correct truth table for the expression: A and B and not C and D

Option A:

| Option B:            | 1 1                                    | 1 1   |          | <b> </b>   |
|----------------------|--|---|----------|------------|
| Option C:            | В                                      | С   |          | Q          |
| Option D:            | B.                                     | 8   | 8        | Q          |
| <del>-</del>         | <del> </del>                           | 6   | 8        | <b>Q</b>   |
| _8_                  | _8_                                    | 8   | <b>B</b> |            |
| 8                    | 8                                      | 88  | A .      | 8 1        |
| 8                    | 8                                      | <b>P</b>  | ត        | ᅔ          |
| 6                    | 8                                      | <b>T</b>  | ð        | <b>₽</b>   |
| 9                    | <b>Q</b>                               | 1 1   | ga I     | 9          |
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| ŏ                    | ĭ                                      | Õ   | <b>Φ</b> | ŏ          |
| 8                    | 1                                      | စ္က   | 앞        | စ္က        |
| B                    | <b>*</b>                               | ₩   | 83       | 8 1        |
| 8                    | Ŧ                                      | Ŧ   | 82       | 8 1        |
| 8                    | Ŧ                                      | Ŧ   | Ŧ        | 무          |
| 90                   | 89                                     | 89  | 89       | 8 1        |
| Ŧ                    | 8                                      | 8   | 88       | 8 1        |
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| 1                    | <b>±</b>                               | 8   | 8        | 8          |
| 1                    | 1                                      |   | 1        | ₽          |
|                      | 10000000000000000000000000000000000000 |   |          |            |
| 1                    | 1                                      | 1   | 1        | 0          |

Correct Answer: Option D

Question 4: Choose the correct truth table for the expression: A or B and not C or D or not E Option A:

| Option B:  | В        | c                       |  | E  | Q                                     |
|------------|----------|-------------------------|--|--|---------------------------------------|
| Option B:  | 8        | 8                       | ഭ                                      | ₽  | a                                     |
| Option D   | 8        | <u>e</u>                | 8                                      | ם  | 00<br>#                               |
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| 9999       | 8        | 3                       | 斖                                      | ₩  | ●                                     |
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| 9          |          | 40<br>45                | 8                                      | 90   | a                                     |
| 0          | <u>a</u> | •                       | 9                                      | •  | 1 1                                   |
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| 8          | <b>1</b> | <b>¥</b>                | 曹                                      | <b>⊕</b>   | まし                                    |
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|            | <b>1</b> | <b>\$</b>               | 8                                      | 曹  | 1 <b>1</b> 1                          |
| \$         | ## B     | 喜                       | 魯                                      | ጀ  | l ≢ l                                 |
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| <b></b>    | <b></b>  |                         | 1                                      | 1  | ≩                                     |
| <b>1</b>   | <b>1</b> | <b>1</b>                |  | 8  | <b>動</b>                              |
|            |          |                         | #860066H#H6000000H#H##@@@ <b>#</b> # ₽ | н 🖷 🖷 шинтерринеское несеренеское несеренеское несеренеское не | ±000000000000000000000000000000000000 |
| <b>3</b> . | 1        | 1                       | 1                                      | 1  | ab                                    |

Correct Answer: Option D