

Question 1: Fill in the missing entries for the expression: A and B

Options:

1: 1 1

2: 0 0

3: 0 1

4: 1 0

A	B	Q
0	0	0
0	1	?
1	0	0
1	1	?

Answer:

Correct Option: 1 1

A	B	Q
0	0	0
0	1	0
1	0	0
1	1	1

Question 2: Fill in the missing entries for the expression: not (A or not B or not C or not D or not E)

Options:

1: 1 1 1 1 1 1 0 0 0 1 1 0 1 1 1 1

2: 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1

3: 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0

4: 1 0 0 1 1 0 1 1 1 1 0 1 1 0 0

[illegible]

Answer:

Correct Option: 1 1 1 1 1 1 0 0 0 1 1 0 1 1 1 1

[illegible]

Question 3: Fill in the missing entries for the expression: not (A or not B)

Options:

1: 1 1

2: 0 1

3: 0 0

4: 1 0

A	B	Q
0	0	0
0	1	?
1	0	?
1	1	0

Answer:

Correct Option: 1 1

A	B	Q
0	0	0
0	1	1
1	0	0
1	1	0

Question 4: Fill in the missing entries for the expression: A or not B

Options:

1: 0 0

2: 1 0

3: 0 1

4: 1 1

A	B	Q
0	0	?
0	1	0
1	0	1
1	1	?

Answer:

Correct Option: 0 0

A	B	Q
0	0	1
0	1	0
1	0	1
1	1	1



Question 5: Fill in the missing entries for the expression: not (A and not B and not C or D and E)

Options:

1:0001001111000011

2: 1 0 1 0 1 0 1 0 1 1 1 1 1 0 1 1

3: 1 0 1 1 1 1 1 1 0 0 1 1 1 1 1 1

4: 1 1 0 1 1 0 0 1 1 0 0 0 0 1 0 0

[illegible]

Answer:

Correct Option: 0 0 0 1 0 0 1 1 1 1 0 0 0 0 1 1

[illegible]