

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

Option A:

Option B:

Option C:

Option D:

A	B	not (A or not B)
0	0	1
0	1	1
1	0	0
1	1	0

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:

Option C:

Option D:

A	B	C	D	
0	0	0	0	1
0	0	0	1	0
0	0	1	0	1
0	0	1	1	0
0	1	0	0	1
0	1	0	1	0
0	1	1	0	0
0	1	1	1	0
1	0	0	0	0
1	0	0	1	1
1	0	1	0	0
1	0	1	1	0
1	1	0	0	0
1	1	0	1	0
1	1	1	0	0
1	1	1	1	0

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:

Option C:

Option D:

A	B	C	D	
0	0	0	0	0
0	0	0	1	0
0	0	1	0	0
0	0	1	1	0
0	1	0	0	0
0	1	0	1	0
0	1	1	0	0
0	1	1	1	0
1	0	0	0	0
1	0	0	1	0
1	0	1	0	0
1	0	1	1	0
1	1	0	0	0
1	1	0	1	0
1	1	1	0	0
1	1	1	1	1

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:

Option C

Option D

Correct Answer: Option D