

7 Consider the logic expression:

$$X = (A \text{ AND } B) \text{ XOR } (B \text{ OR NOT } C)$$

(b) Complete the truth table for the given logic expression.

A	B	C	Working space	X
0	0	0		
0	0	1		
0	1	0		
0	1	1		
1	0	0		
1	0	1		
1	1	0		
1	1	1		