1)

W1	W2	W3	W4	W5	W6	T1	T2	T3
1	1	1	1	1	-1	0	1	0

Node 3: OR
Node 4: AND
output: XOR

$T_3 = 0$

2)

x_1	x_2	$T_1 = 0$
0	0	$0 \leq 0 = 0$
0	1	$1 > 0 = 1$
1	0	$1 > 0 = 1$
1	1	$2 > 0 = 1$

x_1	x_2	$T_2 = 1$
0	0	$0 < 0 = 0$
0	1	$1 \leq 1 = 0$
1	0	$1 \leq 1 = 0$
1	1	$2 > 1 = 1$

T_1	T_2	
0	0	$0 \leq 0 = 0$
1	0	$1(1) + 0(-1) > 0 = 1$
1	0	$1(1) + 0(-1) > 0 = 1$
1	1	$1(1) + 1(-1) \leq 0 = 0$

$$X_4 = g(w_{1,4} \cdot x_1 + w_{2,4} \cdot x_2)$$

$$O_5 = g(w_{3,5} \cdot g(w_{1,3} \cdot x_1 + w_{2,3} \cdot x_2) + w_{4,5} \cdot g(w_{1,4} \cdot x_1 + w_{2,4} \cdot x_2))$$

$$O_6 = g(w_{3,6} \cdot g(w_{1,3} \cdot x_1 + w_{2,3} \cdot x_2) + w_{4,6} \cdot g(w_{1,4} \cdot x_1 + w_{2,4} \cdot x_2))$$