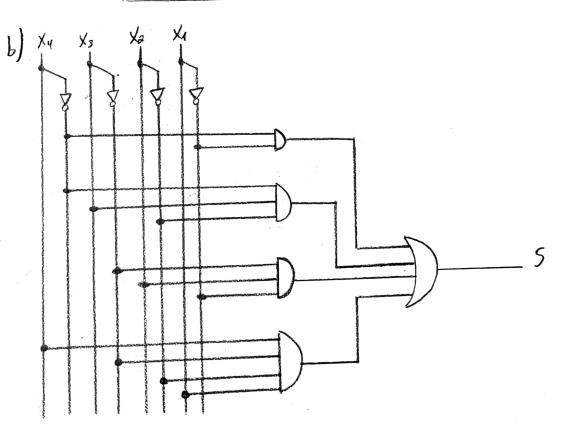
a) Mapa de Karnongh:

17.0	Xy X3				
5	X <sub>2</sub> X <sub>4</sub>	00	01	11	10
	00	1	1	0	0
	01	o	1	0	1
	. 11	0	0	0	0
	10	1	1	0	1



d) Código Test Verilog + GTK WAVE

Q4

a) De acordo com a Tabela Verdade do Full Adder:

Cout; = a; b; + cin; (a; \empty bi)

Sum; = a; \empty bi \empty cin;

b) Codigo Verilog

c) Codigo Test Verilog