

CS230 Quiz 1

Grading Scheme

Question 1

Universal Gate :- 3 marks

Rest of the circuit:- 2 marks

Question 2

Represented each miniterm accurately :- 2 marks

Figuring out that OR can be replaced with XOR :- 2 marks

Final Answer:- 5 marks

Question 3

Full marks even if a single answer is written, but with proper reasoning and accurate k-maps. :- 5 marks

Question 4

State Machine :- 3 marks

State assignment + k-maps:- 2 marks

State Machine without State table :- 0 marks