

CIT292 noun exams

1. Which logic gates are used to construct the S-R Latch

NAND

2. Sequential circuits must contain _____ elements

Memory

3. How many inputs does a T flip-flop have

One

4. Which logic gate do you add to convert an "S-R Latch" to an "S-R Latch with Enable"

NOT

5. What does the output of sequential circuits depend on

Current and past inputs

6. What state is a "J-K Flip-Flop" in when $J = K = 1$

Toggle state

7. Which logic gate do you add to convert an "S-R Latch" to a "D Latch"

NOT

8. What is the output of a 3-input NOR gate with inputs 1, 0, 1

0

9. What is the output of a 3-input 'AND' gate with inputs - 1, 0, 0

0

10. Which logic gates are used to construct the Bistable Element

NAND