

Midterm 06. Solutions

1. C
2. D
3. $2+1+6+3*3=18$ ns. B
4. B
5. B
6. C $t_{logic}=t_{clock}-t_{input}-t_{skew}-t_{setup}=10-2-1-1=6$
7. C $t_{login}=t_{clock}-t_{input}-t_{output}-t_{skew}=6$ (note, still need to include clock skew)
8. A because of the blocking assignment, B[i] uses NEW B[i-1]. Difficult question.
9. B
10. D
11. B
12. D
13. B
14. A
15. E