

Quiz 6

1. c. 16
2. a. 9
3. volatile
4. ① SRAM/DRAM ② NVRAM ③ FLASH ④ EEPROM
⑤ EPROM ⑥ OTP ⑦ Mask Programmed ⑧ Ideal Memory
5. Generates: $A \cdot B$
6. Propagates: $A \oplus B$
7. Kill: $\bar{A} \cdot \bar{B}$
8. Produces inverted outputs
9. Majority function of the inputs
10. inverted function of the complemented inputs
11. Bitlines are initially floated High
12. bit is precharged high and left floating
13. Flip-flop
14. It uses Minority Logic to produce Cout
15. Hot - Carrier Injection