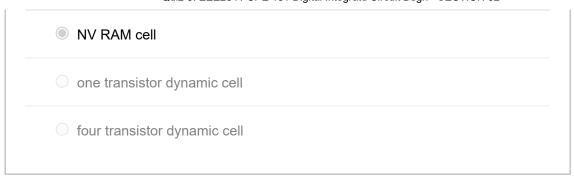
This attempt took 2 minutes.

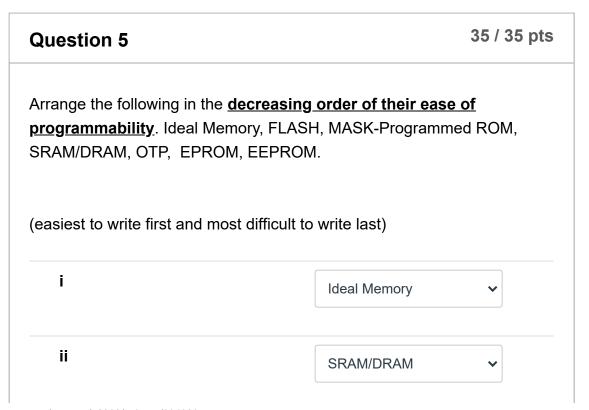
5 / 5 pts
ne chip to

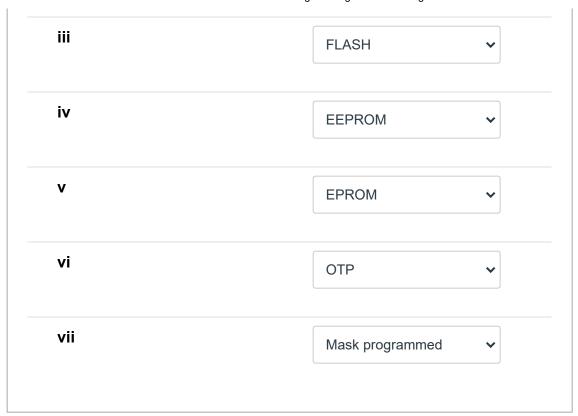
Question 2	5 / 5 pts
Which of the following phenomenon can be useful in programmi memories?	ng FLASH
Hot - Carrier Injection	
Channel-charge Injection	
Clock-feed through	
Channel Length Modulation	

Question 3	5 / 5 pts
Which cell is non-volatile?	
two-transistor dynamic cell	









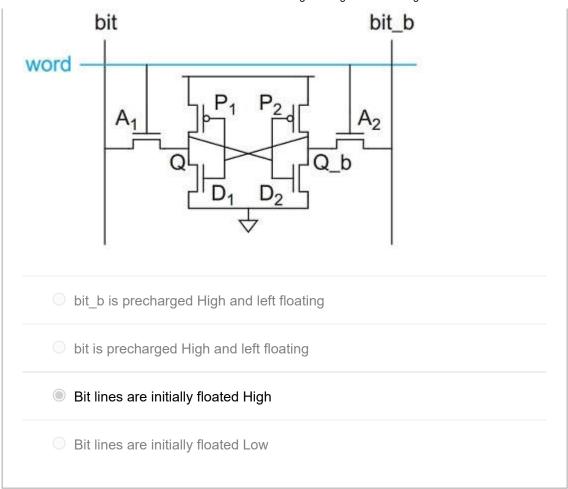
Question 6	5 / 5 pts
For a memory of size 256 x 32, the word size is	
32	
O 16	
○ 512	
O 64	

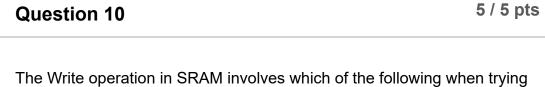
Question 7 5 / 5 pts

The	e number of input signals needed to access 256 address signals is	
	O 256	
	O 16	
	8	
	O 9	

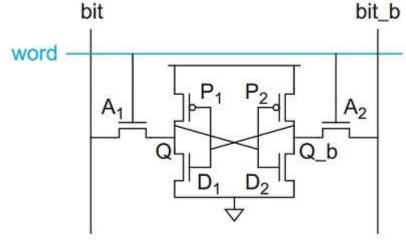
Question 8		5 / 5 pts
RAM is a	memory	
non-volatile		
content addressable		
volatile		
sequential		

Question 9	5 / 5 pts
The Read operation in SRAM involves which of the following? If Figure below.	Refer to





to write a '1' into the cell? Refer to Figure



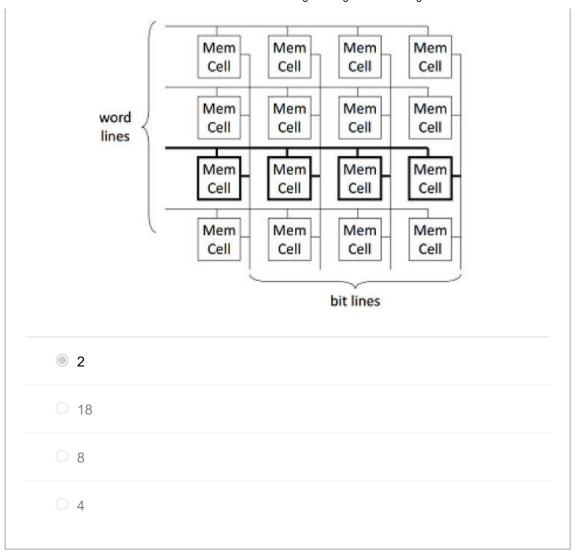
bit is precharged High and left floating

Bit lines are initially floated Low	
○ bit_b is precharged High and left floating	
Bit lines are initially floated High	

Question 11	5 / 5 pts
Which of the following components occupies the most amount area per each bit of memory?	of silicon
SRAM	
Flip Flop	
O DRAM	
○ Latch	

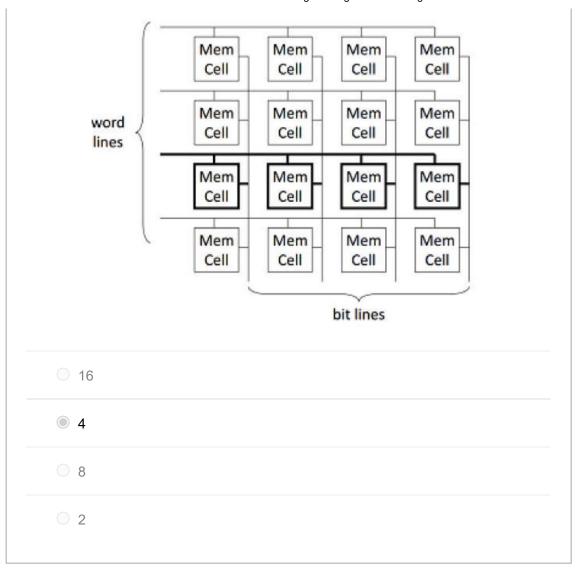
Question 12 5 / 5 pts

Figure below shows a 4 x 4 memory array (ROM). ROMs can be used to implement any combinational circuit. If each column in the array below is used to implement a combinational logic SOP, how many variables does the SOP have



Question 13 10 / 10 pts

How many different combinational functions of 2 variables can be implemented using the memory in figure as a look up table?



Quiz Score: 100 out of 100