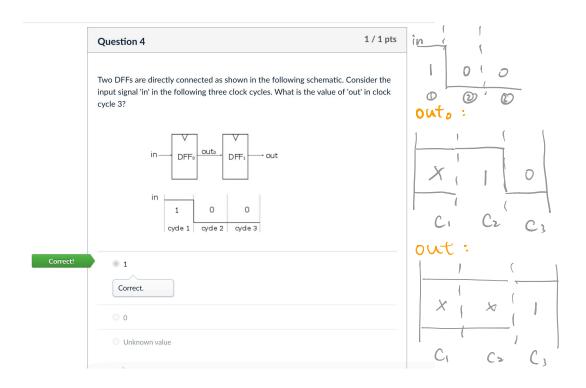


Question 2	1 / 1 pts
What is the capacity of the following memory in terms of b	ytes (B) or bits (b)?
load	
<u> </u>	
in 16/	
	out
NAME OF THE PROPERTY OF THE PR	∕ →
address 16,	
k=109,n=16 n=216=65536 word	
N = -16 - 6+1	
11-2 = 59536 Word	
131 Kb (number of address)	
○ 1 MB	
256 Mb	
© 256 Mb	

16-bith = 2 bytes = 1 word 65536×2=131072 Byte 65536×16 = 1048576 bits 1KB=1024B |Mb=1024Eb 1MB=1024KB |kb=1024b 1GQ=1024MB 131072B=128KBVV 1048576b=1024Kb=1Mb

	Question 3	1 pts
	Consider a standard DFF. By itself, this chip is not able to store and retain a bit of information. Why is it r suitable?	not
	Because the DFF provides no way of synchronising the input and output signal	
	Because there is no way to get a bit of information into the circut	
Correct!	Because the DFF always outputs its input from the previous clock cycle	
	Because after one clock cycle delay the dff reverts to zero	



	Question 5	1 / 1 pts	COAL
	Which of the following statements are true? Choose all that apply.	ζ-	SRAM: 1FR totic Random Access Memon DRAM: 1182
Correct!	SRAM is used in cache and is faster than DRAM. This statement is true.	Į,	Pynamic Kandom Access Memory.
Correct!	The width of a word could vary in different systems. That is a correct statement.		·
	SRAM and DRAM do not need power to maintain data.		
	need power to maintain clata		