Quiz: Chains of Blocks

Instructions

This is an individual quiz with a 10 minutes limit. The quiz will be proctored using Proctorio.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	6 minutes	7 out of 7

Score for this quiz: **7** out of 7 Submitted Jan 31 at 4:37pm This attempt took 6 minutes.

	Question 1	1 / 1 pts
	What is a Sybil Attack?	
	to mine using proof of stake.	
	to find the private key of a message using brute-force.	
Correct!	to create "fake" personalities to manipulate voting and transaction approvals.	
	to get 51% of the computing power of the network	

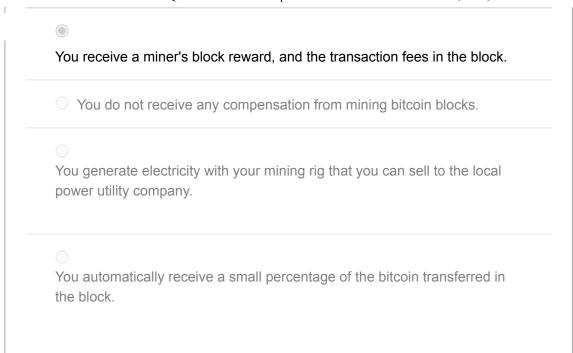
Question 2 1 / 1 pts

What is Proof-of-Work? It is a way to do a 51% attack to a distributed ledger. It is a way to prove that the miners have the right equipment to mine blocks. It is a way to prove the identity of a miner Correct! It is a way to select a nominating block that will be appended to the chain of transaction blocks.

/ 1 pts

Question 4 How do you make money if you are a bitcoin miner?

Correct!

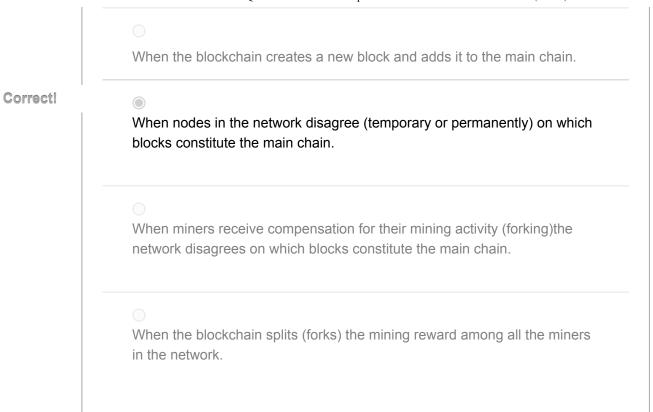


	Question 5 1 / 1 pts	
	How many transactions at most can be processed currently through the bitcoin network?	
	1 transaction per second	
	7,000 transactions per second	
Correct!	7 transactions per second	
	70 transactions per second.	

Question 6

1/1 pts

What is a forking event in a blockchain network?



Question 7	1 / 1 pts
What is proof-of-stake?	
It is an algorithm where miners buy stakes into the equity of the cryptocurrency.	
It is an opportunity for miners to bet (staking) on the direction of the cryptocurrency prices.	9
☐ It is a type of 51% attack.	
It is virtual mining, where the odds of being nominated for the next proportional to the amount staked.	block is

Correct!

Quiz Score: 7 out of 7