Why is consensus in a blockchain important?	1 point
It prevents double mining of the same block.	
It prevents double spending of cryptocurrencies.	
It increases speed of transactions.	
It ensures integrity of the records on the chain.	
Marking by allows king to DOWN	
2. Mention two alternatives to POW?	1 point
POT (Proof Of Trust)	
POS (Proof Of Stake)	
✓ PBFT (Practical Byzantine Fault Tolerance)	
POC (Proof Of Correctness)	
3. Main concept behind Practical Byzantine Fault Tolerance is	1 point
O Choosing winning miner	
Efficient forking of the blockchain	
Election of a leader	
4. The main concept of Proof Of Stake is	1 point
Full nodes with the least coins get to delete a block	
Full nodes with most coins at stake get to create the next block	
Full nodes with least coins at stake get to create the next block	
Full nodes with most coins at stake get to delete a block	
5. What was the main concept behind SegWit2x improvement?	1 point
	1 point
Cut the block size to half to improve speed	
 Double the block size to accommodate more transactions per block Accommodate more transactions in the same size block 	
Decrease the total number of transactions that take place	
O secretar in the manual of an analysis and an appear	
• What's Pales to a should	
6. What is lightning network?	1 point
An on-chain payment channel for Ethereum.	
An off-chain payment channel for Ethereum.	
An off-chain payment channel for Bitcoin.	
An on-chain payment channel for Bitcoin.	
7. How do state channels solve the scalability issue?	1 point
O Transactions operate independently of the main chain with no synchronization.	
Transactions operate at a much higher speed since they synchronize continuously with the main chain	ì.
 Transactions operate at a much higher speed and synchronize periodically with the main chain. 	
8. What is Raiden network?	1 point
O A side chain for Bitcoin based main chain.	
A side chain for Litecoin based main chain.	
A side chain for Hyperledger.	
A side chain for Ethereum based main chain.	
9. What is a simple way of improving confidentiality?	1 point
Encrypt the data transacted and digitally sign it.	
Add role management to the smart contract.	
Assign security codes to each node.	

10. How do smart contracts implement escrow?

1 point

