

Kahoot!

CSC371 Final

0 favorites 1 play 14 players

A private kahoot

Questions (22)

1 - Quiz

What is the purpose of digital signature

20 sec

- ☐ To ensure that the data is delivered ✗
- ☒ To ensure that the data is really coming from the expected person ✓
- ☐ To ensure that the data is not modified ✓

2 - Quiz

Select one or more FALSE statement(s)

30 sec

- ☐ Private key should be kept private ✗
- ☐ Private key and public key are called asymmetric key ✗
- ☐ Message encrypted by private key can be decrypt by public and private key ✓

3 - True or false

Security of the encryption depend of the length of the key

20 sec



True



False



4 - Quiz

Why don't we encrypt the whole document in digital signature

20 sec



To reduce the number of things to sent



To reduce the bandwidth used over the network



To reduce resource consumption with encrypt and decrypt



To add complexity to the algorithm



5 - Quiz

What determine the reducer that map output will go to

20 sec



Partitioning Key



Key



Value



Random



6 - True or false

Map and Reduce tasks can be run in parallel with minimal effort

20 sec



True



False



7 - Quiz

What is the output from Map job

20 sec



String



Key-Value Pairs



Text



Object



8 - Quiz

What is the job of Namenode in HDFS

20 sec



Store the blocks of data



Replicate the blocks to other ndoe



Be the contact point of cluster and client



Run MapReduce tasks



9 - Quiz

Block in blockchain has 2 main component

20 sec

-  Block signature ✗
-  Transactions ✓
-  Nonce ✗
-  Block header ✓

10 - True or false

Bitcoin transaction has only one input and one output





20 sec

-  True ✗
-  False ✓

11 - Quiz

What is TRUE about Proof of Work consensus algorithm

20 sec

-  Used to determine who will create the block ✓
-  Bruthfoce the "*Nonce*" until get desired hash value ✓
-  Every node put in the money as a stake ✗
-  Very computing intensive ✓

12 - True or false

"Previous block" field in block header create the link between the block (aka. chain)

20 sec



True



False



13 - Quiz

The code that run on Ethereum network is called

20 sec



Bitcoin Script



Smart Contract



CodeBlocks



The Script



14 - Quiz

What cryptographic is/are used in blockchain

20 sec



Hashing



Addressing



Asymmetric keys



Digital Signature



15 - Quiz

Why do we need scheduling algorithm

20 sec



Increase complexity



Limited resource available and multiple tasks to run



To stop the task that run for too long



16 - Quiz

Which scheduling algorithm is the optimal

20 sec



Shortest Task First



Round-Robin



First-In-First-Out



HDFS



17 - True or false

Dominant-Resource Fair Scheduling deals with multiple resources type

20 sec



True



False



18 - Quiz

What scheduling algorithm divided cluster into pools with equal resources per pool.

20 sec



Hadoop Capacity Scheduler



FIFO



STF



Hadoop Fair Scheduler



19 - True or false

Consensus problem is impossible to solve in Synchronous System Model

20 sec



True



False



20 - Quiz

Paxos can guarantee what ?

20 sec



Liveness



Eventual Liveness



Safety



Safe and Sound



21 - Quiz

When is the point of no return in Paxos

20 sec



When leader proposed and multicast the value



When the leader is elected



When the majority logged proposed value



When phase 3 is finished



22 - True or false

Consensus in Synchronous System Model will results in every non faulty process have the same set of value

20 sec



True



False

