Autumn2021_CS577_MCQ-MidSem

Total points 10/10 ?

Total 10 Questions, Total Time: 20 Min, Total Marks: 20

Email *

maheeth2000@gmail.com

Your Name *

Maramreddy Maheeth Reddy

Roll No *

1801CS31

Your Mobile Number *

6309287475

✓ **1) Where is the bitcoin central server located?** *   1/1

- ⦿ None of these   ✓
- ◯ Washington, DC
- ◯ London, England
- ◯ Undisclosed Location

2) What is a miner? *

1/1

○ A type of blockchain

○ An algorithm that predicts the next part of the chain

○ A person doing calculations to verify a transaction

◉ Computers that validate and process blockchain transactions ✓

3) Which hashing algorithm is used in many blockchain technology *

1/1

○ MD2

○ MD5

○ SHA-512

◉ SHA-256 ✓

4) In blockchain, blocks are linked _____? *

1/1

◉ Backward to the previous block ✓

○ Forward to next block

○ Not linked with each other

✓ 5) What does every leaf node of Merkle tree, is labelled with *   1/1

○ ● hash of a data block   ✓

○ the cryptographic hash of the labels of its parent nodes

○ the cryptographic hash of the labels of its child nodes

○ None of the above

✓ 6) What is genesis block *   1/1

○ ● The first block of a Blockchain   ✓

○ A famous block that hardcoded a hash of the Book of Genesis onto the blockchain

○ The first block after each block halving

○ The 2nd transaction of a Blockchain

✓ 7) Where does bitcoin come from? *   1/1

○ Bitcoin.org

○ You have to create

○ ● Mining   ✓

✓ 8) _____ are the real-world applications of blockchain. *   1/1

○ Healthcare

○ Banking

○ Distributed Cloud Storage

◉ All of the above ✓

✓ 9) What does the block in the blockchain consist of? *   1/1

○ Transaction data

○ A Hash pointer

○ A Timestamp

◉ All of these ✓

✓ 10) A bitcoin double spending attack happens when 2 different payments 1/1
are made at the same time to the same bitcoin address *

○ True

◉ False ✓

Google Forms