Question 1

What is the genesis block?

○ The last block created in the Blockchain

○ Any block created by the founder

○ The first transaction in each block

◉ The first block of a Blockchain

Question 2

Inspect and explore block #0 using [this link](#) to solve the below question.

How many transactions are there in the Genesis block in Bitcoin?

○ 8893

○ 10

◉ 1

○ 0

Question 3

Inspect and explore block #0 using [this link](#) to solve the below question.

How many transactions are there in the Genesis block in Ethereum (other than the transaction for Miner fee)?

○ 1

○ 50

○ 0

◉ 8893

Question 4

Inspect and explore block #490624 using [this link](#) to solve the below question.

What is the hash of the previous block for Bitcoin block #490624? Copy and paste the answer into the box below.

Enter answer here: 00000000000000000042

Question 5

Inspect and explore block #490624 using [this link](#) to solve the below question.

Which of these fields is present in a Bitcoin block summary?

○ Gas Limit

⦿ Difficulty

○ Gas Used

○ Private Key of the Sender

Question 6

Where are the transactions recorded in a blockchain?

⦿ On a distributed immutable ledger

○ On a SQLite Database

○ On a SQL Database

○ On a centralized immutable ledger

Question 7

What are UTXOs in a Bitcoin Blockchain?

○ These are transaction output that has been expended

○ These are actual currency that is sent to the receiver of a transaction

⦿ These form the inputs and outputs for transactions

○ These are rewards for miners

Question 8

Blockchain was created to support security and trust in a _____ environment of the cryptocurrency Bitcoin.

○ centralized trusted

○ decentralized trusted

○ centralized trustless

◉ decentralized trustless

Question 9

What/Who are miners in a blockchain?

○ A person who receives money as the receiver of the transaction

○ A person who just initiates a transaction in the blockchain

○ An algorithm that you can use to calculate the next block in a blockchain

◉ Computers that validate and process blockchain transactions and solve the cryptographic puzzle to add new blocks