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Congratulations! You passed!

Grade received 88.88%

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To pass 78% or higher

Go to next item

1.

What is the genesis block?

1 / 1 point

☒ The first block of a Blockchain

☐ The last block created in the Blockchain

☐ Any block created by the founder

☐ The first transaction in each block

✔

Correct

Correct.
2.

Inspect and explore block #0 using <https://www.blockchain.com/btc/block/0> to solve the below question.

1 / 1 point

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

☐ 0

☐ 10

☒ 1

☐ 8893

✔

Correct

Correct.
3.

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

1 / 1 point

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

☐ 0

☐ 50

☐ 1

☒ 8893

✔

Correct

Correct.
4.

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

1 / 1 point

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

00000000000000000004239f2a01d8f579bc0dbb214d0f874ece5db587bee3457

✔

Correct

Correct!
5.

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

1 / 1 point

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

☐ Gas Used

☐ Private Key of the Sender

☐ Gas Limit

☒ Difficulty

✔

Correct

Correct.
6.

Where are the transactions recorded in a blockchain?

1 / 1 point

☒ On a distributed immutable ledger

☐ On a SQL Database

☐ On a centralized immutable ledger

☐ On a SQLite Database

✔

Correct

Correct.
7.

What are UTXOs in a Bitcoin Blockchain?

0 / 1 point

☐ 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

✘

Incorrect

Incorrect. Please refer to the video "**Blockchain Defined: Bitcoin & Blockchain**".
8.

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

1 / 1 point

☐ centralized trusted

☐ centralized trustless

☐ decentralized trusted

☒ decentralized trustless

✔

Correct

Correct!
9.

What/Who are miners in a blockchain?

1 / 1 point

☐ A person who just initiates a transaction in the blockchain

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

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

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

✔

Correct

Correct.