Exam 1:

Due Oct 25 at 11:59pm   **Points** 76   **Questions** 20

Available Oct 13 at 8pm - Nov 22 at 11pm about 1 month   **Time Limit** 60 Minutes

Attempt History

	Attempt	**Time**	**Score**
LATEST	**Attempt 1**	44 minutes	68 out of 76

Score for this quiz: **68** out of 76
Submitted Oct 24 at 7:44pm
This attempt took 44 minutes.

Question 1   4 / 4 pts

When a user loses her private key, the bitcoins are not lost forever and can be recovered by using a consensus mechanism.

○ True

Correct!   ◉ False

Question 2   4 / 4 pts

Every bitcoin transaction requires a valid signature to be included in the blockchain

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Correct!

⦿ True

◯ False

Question 3   4 / 4 pts

A bitcoin wallet contains a collection of key pairs, each consisting of a
private key and a public key.

Correct!

⦿ True

◯ False

Question 4   4 / 4 pts

The private key is calculated from the public key using elliptic curve
multiplication

◯ True

Correct!

⦿ False

Question 5   4 / 4 pts

Difficulty target that controls how much computation is needed to produce a proof of work is always constant in the bitcoin protocol in order to keep the protocol secure.

Correct!

○ True

⦿ False

Question 6

4 / 4 pts

A miner is a network node that finds valid proof of work for new blocks, by repeated hashing.

Correct!

⦿ True

○ False

Question 7

4 / 4 pts

A transaction tells the network that the owner of the specified bitcoins has authorized the transfer of some of those bitcoins to another owner

Correct!

⦿ True

○ False

Question 8   4 / 4 pts

Bitcoin is one of the application of blockchain.

Correct!

- ◉ True

- ○ False

Question 9   4 / 4 pts

The supply of new bitcoins will never end.

- ○ True

Correct!

- ◉ False

Question 10   4 / 4 pts

Blockchain is expected to revolutionize several applications.

Correct!

- ◉ True

- ○ False

Question 11   4 / 4 pts

Bitcoin is the only cybercurrency that is available today.

○ True

Correct!   ⊙ False

Question 12   0 / 4 pts

Proof of work depends on the use of digital signatures.

ɔu Answered   ⊙ True

ɔrrect Answer   ○ False

Question 13   4 / 4 pts

Only way to own bitcoins is to participate in the mining operation.

○ True

Correct!   ⊙ False

Question 14   4 / 4 pts

Transaction fees can be zero for a bitcoin transaction.

Correct!

- ⦿ True

- ○ False

Question 15   4 / 4 pts

Blockchain is a secure distributed ledger.

Correct!

- ⦿ True

- ○ False

Question 16   0 / 4 pts

The difference of bitcoins specified in the inputs and the outputs corresponds to the fees associated with this set of transactions.

...rrect Answer

- ○ True

...u Answered

- ⦿ False

Question 17   4 / 4 pts

Bitcoin transactions are completely anonymous.

○ True

Correct!   ● False

Question 18   2 / 2 pts

Blockchain allows for rapid verification of items stored in the distributed ledger.

Correct!   ● True

○ False

Question 19   4 / 4 pts

Asymmetric key cryptographic framework consists of one key that needs to be kept secret.

Correct!   ● True

○ False

Question 20   **2 / 2 pts**

Coinbase is one of the exchanges where you can exchange dollars for bitcoin.

Correct!

⦿ True

○ False

Quiz Score: **68** out of 76