

LINKING CRYPTOGRAPHY WITH CRYPTOCURRENCIES

QUIZ:

1. The most important features of Bitcoin are:

- a). **cryptographic proof that strengthen the security model through the public-private key pair, decentralized control without a central government and the integrity of data;**
- b). the ease of use, the integrity of data and the possibility to transfer money through a centralized third party authority;
- c). cryptographic proof that strengthen the security model through the public-private key pair, a centralized control of a central government and the integrity of data.

2. Bitcoin Cash (BCH) was generated in:

- a). in December 2017, due to the investor interest on the cryptocurrency market and the social media promotion;
- b). **August 2017, when the Bitcoin system was split into Bitcoin Cash (BCH) and the original Bitcoin (BTC);**
- c). April 2021, when the institutional interest has propelled BTC price upwards to a new peak of \$64.829.

3. Litecoin differs heavily from BTC because:

- a). Litecoin uses a centralized system to provide an improved storage efficiency;
- b). Litecoin uses Proof-of-Stake instead of Proof-of-Work and has a different coin limit;
- c). **it uses script algorithms instead of SHA-256 and is four time faster than BTC.**

4. Smart contracts are:

- a). sequences of data included in a legal document that allows the transfer of cryptocurrencies through a third party authority that requires a small transaction fee;
- b). computer programs that implement logical sequences of phases in accordance with codes expressing certain rules and clauses;**
- c). lines of code that permits reversible transactions with low transaction costs.

5. Ethereum development comprises:

- a). four main stages (Frontier, DAO, Metropolis, Serenity).
- b). five main stages (Frontier, DAO, Byzantium, Metropolis, Serenity).
- c). four main stages (Frontier, Homestead, Metropolis, Serenity).**