

### Question 1

What is one of the requirements of secure hashing function?

- ☐ It is an ECC function
  - ☒ It is a one way function
  - ☐ It is log function
  - ☐ It is a secret function
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### Question 2

What type of hash is used when there is a fixed number of items to be hashed, such as the items in a block header, and we are verifying the composite block integrity?

- ☐ Complex hash
  - ☐ Either
  - ☐ Tree-structured Hash
  - ☒ Simple Hash
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### Question 3

What type of hash function is used, when there is variable number of items to be hashed, such as the many state changes in a block?

- ☐ Simple Hash
  - ☒ Tree-structured Hash
  - ☐ Either
  - ☐ Complex hash
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### Question 4

Keccak 256 is a commonly used algorithm for hash generation in Ethereum blockchain. True or False?

☐ False

☒ True

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