✓ **Congratulations! You passed!**

Grade received 100%   To pass 80% or higher

Go to next item

Self-Check

Total points 4

1. What is one of the requirements of secure hashing function?   **1 / 1 point**

   ○ It is log function

   ○ It is an ECC function

   ● It is a one way function

   ○ It is a secret function

   ✓ **Correct**
   Correct!

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?   **1 / 1 point**

   ○ Tree-structured Hash

   ○ Complex hash

   ● Simple Hash

   ○ Either

   ✓ **Correct**
   Correct!

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?   **1 / 1 point**

   ○ Simple Hash

   ○ Complex hash

   ○ Either

   ● Tree-structured Hash

   ✓ **Correct**
   Correct!

4. Keccak 256 is a commonly used algorithm for hash generation in Ethereum blockchain. True or False?   **1 / 1 point**

   ● True

   ○ False

   ✓ **Correct**
   Correct!