✓ **Congratulations! You passed!**

Grade received 100%   To pass 80% or higher

Go to next item

Best Practices- Week 4

Total points 10

1. Blockchain is suited for which of the following applications?   **1 / 1 point**

   ○ Peer to Peer
      transactions with intermediaries

   ⦿ Autonomous systems guided by rules
      and policies

   ○ Transactions
      within a small organization

   ○ Organization
      with high speed transactions

   ✓ **Correct**
   Correct!

2. Smart contracts are visible to all participants on the chain. True or False?   **1 / 1 point**

   ⦿ True

   ○ False

   ✓ **Correct**
   Correct!

3. It is a best practice that a design of a smart contract is   **1 / 1 point**

   ○ Simple

   ○ Coherent

   ○ Auditable

   ⦿

   All of the above

   ✓ **Correct**
   Correct!

4. If you need to store large documents for a blockchain application, how would you store it?   **1 / 1 point**

   ○ Keep the
      documents in the blockchain

   ⦿ Store the documents off-chain and
      keep the metadata in the blockchain

   ○ Hash the
      document and save it in blockchain

document and save it in blockchain

> ✓ **Correct**
> Correct!

5. Which data type is preferred for computational operations in blockchain?

1 / 1 point

◉

Integer

○ String

○ Address

○ Enum

> ✓ **Correct**
> Correct!

6. In Solidity, a preferred order of various types of functions given below is:

1. Constructor

2. Private

3. Public

1 / 1 point

◉ 1,3,2

○ 2,3,1

○ 2,1,3

○ 3,1,2

> ✓ **Correct**
> Correct!

7. Which of the following is/are true about modifiers?

1 / 1 point

○ A function can have any number of modifiers

○ Visibility modifiers for a function should come before custom access modifiers

○ Modifiers can be without any parameters

◉ All the above

> ✓ **Correct**
> Correct!

8. Payable functions can be used as standalone functions. True or False?

1 / 1 point

○ True

◉ False

9. Which of the following hashing technique is provided by Solidity?

1 / 1 point

◉ Keccak256

○ Sha1

○ Md2

○ Sha512

10. Remix IDE has a ____.

1 / 1 point

◉

Just in time compiler

○ Interpreter

○ Run time compiler

○ Batch compiler