



Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

GRADE

90%

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

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:

0 / 1 point

1. Constructor
2. Private

3. Public

- ☐ 1,3,2
- ☒ 2,3,1
- ☐ 2,1,3
- ☐ 3,1,2



Incorrect

Incorrect. Please refer to the video "**Designing Smart Contracts**" for more information.

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



Correct

Correct!

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

1 / 1 point

- ☒ Keccak256
- ☐ Sha1
- ☐ Md2
- ☐ Sha512



Correct

Correct!

10. Remix IDE has a ____.

1 / 1 point

- ☒ Just in time compiler
- ☐ Interpreter
- ☐ Run time compiler
- ☐ Batch compiler



Correct

Correct!