Assignment 05

The due date for submitting this assignment has passed.

Assignment submitted on 2020-04-01, 12:38 IST

1) pragma solidity^0.5.2   *1 point*

A source file with the line above cannot compile with compiler version:

- ⦿ 0.5.0
- ○ 0.5.2
- ○ 0.5.8

Yes, the answer is correct.
Score: 1
Accepted Answers:
0.5.0

2) What are pure functions in solidity?   *1 point*

- ⦿ Functions with fixed output for same input
- ○ Functions not having any implementation
- ○ Functions not allowing read or modifyng of state variables
- ○ Functions derived from another functions

No, the answer is incorrect.
Score: 0
Accepted Answers:
Functions not allowing read or modifyng of state variables

3) Most duplicated smart contract found is   *1 point*

- ○ Forwarder
- ⦿ User Wallet

○ ReplaySafesplit

○ DAO

4) High Origin Targets   *1 point*

○ Top 100 contracts same as 98% other contracts

⦿ Top 100 contracts deploying other 98% contracts

○ Top 100 contracts containing around 98% of ether

○ None of these

5) Which of the following is true about EVM?   *1 point*

☑ Provides a layer of abstraction between code and machine

☑ Makes the code portable across different machines

☑ Turing Complete

6) Hyperledger Fabric is   *1 point*

○ permissionless

⦿ Permissioned

7) Self Destruct Functions   **1 point**

- ☑ Sends all contract ether to its owner
- ☐ Consumes all contract ether
- ☑ Deletes the contract code on blockchain
- ☑ Ensures it cannot be called in future

8) Which of the following are responsible for consensus in hyperledger?   **1 point**

- ◯ Full Node
- ◯ Validating Node
- ◯ Peer Node
- ◉ Ordering Node

9) Responsibility of Ordering node   **1 point**

- ☐ check the validity of transaction
- ☑ order the transactions
- ☐ calculate the nonce

☑ calculate hash of transaction with desired difficulty

No, the answer is incorrect.
Score: 0
Accepted Answers:
order the transactions

10) Which of the following are not the components of blockchain   ***1 point***

☑ Smart Contracts
☐ Wallet
☑ Certificate Authority
☐ Ledger

No, the answer is incorrect.
Score: 0
Accepted Answers:
Certificate Authority