# Unit 8 - WEEK 5

# Assignment 05

**The due date for submitting this assignment has passed.**
**As per our records you have not submitted this assignment.**

**Due on 2020-04-01, 23:59 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

**No, the answer is incorrect.**
**Score: 0**
**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

**No, the answer is incorrect.**
**Score: 0**
**Accepted Answers:**
*User Wallet*

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

**No, the answer is incorrect.**
**Score: 0**
**Accepted Answers:**
*Top 100 contracts deploying other 98% contracts*

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

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

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

**No, the answer is incorrect.**
**Score: 0**
**Accepted Answers:**
*Sends all contract ether to its owner*
*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

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