Assignment 07

The due date for submitting this assignment has passed.

Assignment submitted on 2020-04-15, 23:58 IST

1) Cumulative Weight of a Transaction

    1 point

    ○ (Number of transactions it approves) + 1

    ◉ (Number of transactions it is approved by) + 1

    ○ (Number of transactions it has on its path to the genesis transaction) + 1

    ○ None of these

Yes, the answer is correct.
Score: 1

Accepted Answers:
(Number of transactions it is approved by) + 1

2) Which of the following are benefits of tangle

    1 point

    ☐ Permissioned Ledger

    ☑ Quantum Secure

    ☑ Offline Allowed

    ☑ Scalability

Yes, the answer is correct.
Score: 1
Accepted Answers:
Quantum Secure
Offline Allowed
Scalability

3) How spamming is avoided in tangle

    1 point

    ○ By using digital signatures

    ◉ By proof of work

    ○ By penalising lazy tips

○ None of these

4) Double Spend is possible in case of offline tangle   *1 point*

○ True

◉ False

5) What is alpha in IOTA Tangle   *1 point*

○ Arrival rate of transaction

○ Cumulative weight of transaction

○ Confirmation confidence of transaction

◉ Measure of importance of cumulative weight of a transaction

6) Why weighted random walk tip selection is preferred over unweighted random walk?   *1 point*

☑ Unweighted random walk does not avoid lazy tips

☑ Unweighted random walk does not avoid randomisation

☐ Weighted random walk helps preventing double spend

☑ Weighted random walk checks confidence level of the transaction

7) Uniqueness in Corda is tested by   **1 point**

○ Contract Code

○ Timestamps

◉ Notary Service

○ Digital Signatures

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

8) Corda Transactions are visible to   **1 point**

○ all participants of the network

○ only participants of organisation

◉ only stakeholders of the transaction

Yes, the answer is correct.
Score: 1
Accepted Answers:
only stakeholders of the transaction

9) Which of the following is permissionless   **1 point**

☐ Hyperledger Fabric

☑ Ethereum

☑ Bitcoin

☐ Corda R3

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

10) Which of the following is pluggable in Corda   **1 point**

◉ Uniqueness Service

○ Validation Service

○ Both of these

○ None of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
Both of these