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QUESTION 1

What is the language that Solidity is using to build on the Ethereum Virtual Machines(EVM)?

A. .Net

B. Javascript

C. C++

D. Node.js

E. PHP

Correct Answer: B

Javascript is the language that Solidity is using to build on the Ethereum Virtual Machine

Reference: https://www.quora.com/What-is-the-best-programming-language-to-learn-if-you-want-to-workon-the-blockchain

QUESTION 2

When considering tokens on the Ethereum Blockchain what is the main difference between ERC20 and ERC721 tokens?

A. No difference on Ethereum all tokens are fungible

B. ERC20 is not fungible while ERC721 tokens are fungible

C. ERC721 is not fungible while ERC20 tokens are fungible

D. No difference on Ethernet all tokens are not fungible

Correct Answer: C

Non-fungible means unique. ERC is acronym of Ethereum Request for Comments. A standard allows for the implementation of a standard API for creating non-fungible tokens. To whom not familiar, ethereum, when launched during ICO, is using ERC-20 which ethereum coin can be broken down into smaller portion such as 0.000001. As you know, in coin, we don\'t differentiate it by serial number. Government only uses "serial number" to track the note and not on coin. Hence, there is no way to distinguish or trace your coin and my coin. This behavior is same in Ethereum coin. Startup has found a way to use ERC-721 to create a unique and traceable coin in ethereum blockchain technology. This is a break through in blockchain technology.

Reference: https://medium.com/@PatrickGohBS/ethereum-erc-721-vs-erc-20-4bff8c147fdf

QUESTION 3

On the Ethereum blockchain the "nonce" of a transaction:

A. Holds the gas amount to be paid to the miner writing the block that contains the transaction

B. Is used to ensure that transactions by a given account are written in sequential order

C. Is reset to zero after each successfully mined blocked

D. Must always start with four zeroes

Correct Answer: B

QUESTION 4

How does a client app communicate with Hyperledger fabric chaincode (Smart Contracts)?

A. The app uses an SDK which invokes functionality on the chaincode which then announces the transaction to any peers required to endorse the transaction

B. The app uses Hyperledger Composer to communicate with CouchDB which in turn invokes chaincode functionality

C. Client apps don\\'t communicate with Hyperledger fabric directly, they must use Hyperledger Composer for the transmission

D. The app points to a node\\'s IP address, then calls an invoke function on the chaincode address to start the write process

Correct Answer: A

QUESTION 5

Geth uses what port to expose the Ethereum RPC Service?

A. 2096

B. 8545

C. 4096

D. 2545

Correct Answer: B

Reference: https://datawookie.netlify.com/blog/2018/01/ethereum-running-a-node/

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