

Question #:1

When you considering developing and running dAPPS in Ethereum its important to understand that Gas and Ether are decoupled for price stability. Is this True or False?

- A. True
- B. False

Answer: A

Explanation

True. Gas and Ether are decoupled for price stability reasons especially because Ether can vary in price significantly even in a day.

Question #:2

Hyperledger is an enterprise focused blockchain project. This project was released by a consortium under the umbrella of the Linux Foundation's Hyperledger Project.

What year did Hyperledger go live?

- A. 2013
- B. 2012
- C. 2015
- D. 2009

Answer: C

Question #:3

When you are developing with Fabric Composer which of the following is true?

- A. Decreases the time of development
- B. Simplifies the development of applications
- C. Simplifies the integration of client applications
- D. Increases the time of development

Answer: A

Explanation

Hyperledger Composer is an open-source application development framework which simplifies the creation of Hyperledger Fabric blockchain applications, thus reducing the time and complexity of development. The tool aims at helping users to create blockchain applications based on Hyperledger Fabric without needing to know the low-level (Go Programming) details involved in blockchain networks.

Question #:4

What is chaincode?

- A. Smart contract
- B. DApps
- C. Node programs
- D. Virtual machines

Answer: A

Explanation

References:

Question #:5

Satoshi Nakamoto invented a way to achieve Decentralized Consensus?

- A. TRUE
- B. FALSE

Answer: A

Explanation

References:

Question #:6

What is provided by the Hyperledger Fabric to facilitate network communications?

- A. API
- B. SDK
- C. Ruby

D. Middleware

Answer: B

Question #:7

What are two specific advantages of using Hyperledger Fabric? (Select two.)

- A. No order service needed
- B. Use any programming language available
- C. Open Source Modular architecture
- D. Allows components to be plug-and-play
- E. Makes mining cryptos more efficient

Answer: C D

Explanation

Hyperledger is an open source collaborative effort created for open industrial blockchain development. It started in December 2015 by the Linux Foundation. Linux Foundation's objectives were to create an environment in which communities of software developers and companies meet and coordinate to build blockchain frameworks.

Question #:8

You are considering a cryptocurrency and for your privacy and anonymity are number one priority. Which cryptocurrency should you likely use?

- A. Monero
- B. Bitcoin
- C. Dash
- D. Shadowcoin
- E. Litecoin

Answer: A

Question #:9

What are two challenges with using a Proof of Work algorithm? (Select two.)

- A. Mining pools not allowed
- B. Difficulty rate goes down every year.
- C. Expensive
- D. Power Intensive

Answer: C D

Explanation

References:

Question #:10

Regarding Ethereum contracts, the contracts can call (perform) two specific message calls. The message calls are either _____ or _____? (Select two.)

- A. Bitcoin nodes
- B. Send Ether to non-contract
- C. DApps
- D. Other contracts
- E. Ether Nodes

Answer: B D

Explanation

Contracts can call other contracts or send Ether to non-contract accounts by the means of message calls. Message calls are similar to transactions, in that they have a source, a target, data payload, Ether, gas and return data. In fact, every transaction consists of a top-level message call which in turn can create further message calls.

Question #:11

What is another name for blockchains that run adjacent to the blockchains and also offer more scope for processing contracts?

- A. Adchains
- B. Funnelchains