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Q&A

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Exam : CBDE

**Title : BTA Certified Blockchain
Developer - Ethereum**

Version : DEMO

1.Consensus is reached:

- A. by the miner nodes which make sure that a transaction is valid.
- B. by every single node in the blockchain network executing the same transaction.
- C. by a cryptographic secure signature algorithm called ECDSA which makes sure that cheating is impossible.

Answer: B

2.Smart Contracts can be written in:

- A. Java, C++, Solidity and JavaScript, because the Ethereum Blockchain is completely language agnostic and cross compilers exist for every major language.
- B. Solidity, Viper, LLL and Serpent, because those are high level languages that are compiled down to bytecode.
- C. Solidity and JavaScript, because those are the official first implementations for Distributed applications and the Blockchain supports those languages fully.

Answer: B

3.Solidity gets compiled:

- A. to bytecode that can't be understood by humans.
- B. to bytecodes which are essentially opcodes running instruction by instruction.

Answer: B

4.Having a bug-bounty program early on:

- A. can help to engage the community in testing your smart contracts and therefore help to find bugs early.
- B. might be a burden as it is an administrative overhead mainly.
- C. is completely useless. Who wants to test beta-ware software? It's better to start with the bug-bounty program after the contract is released on the main-net.

Answer: A

5.Which is the right order for Denominations?

- A. Wei, Finney, Szabo, Ether, Tether.
- B. Finney, Szabo, Mether, Gwei.
- C. Gwei, Szabo, Finney, Ether.

Answer: C