

Quiz: Course Synthesis

Instructions: 10 multiple choice questions — Select the best answer — Answers revealed after each question

Q1. What is the fundamental trade-off described by the blockchain trilemma?

- A) Cost, speed, privacy B) Security, decentralization, scalability C) Transparency, immutability D) Energy, throughput

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Q3. Which ERC standard is used for fungible tokens?

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Answer: C – ERC-20 for fungible; ERC-721 for NFTs.

Q4. What AMM formula do DEXs like Uniswap use?

- A) $x + y = k$ B) $x * y = k$ C) $x - y = k$ D) $x / y = k$

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- A) FATF Guidelines B) MiCA C) Basel III D) Dodd-Frank

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Answer: B – If a database suffices, blockchain adds unnecessary complexity.