

# Blockchain, Crypto Economy & NFTs

FS 2026

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## Questions 1–5

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- A) The 2018 Walmart/IBM Food Trust pilot improved traceability speed from 6.5 hours to 2.2 minutes, demonstrating a 99% time reduction in fresh produce tracking   B) 90% cost reduction   C) T+0 settlement   D) Traceability from 6.5 days to 2.2 seconds

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- A) It operates 24/7 vs. traditional market closing at 3pm   B) It uses a faster consensus algorithm   C) It avoids KYC requirements   D) It bypasses all regulatory reporting obligations and runs entirely outside the jurisdiction of CFTC, SEC, and FINMA, operating as an unregistered financial market infrastructure

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**Answer: A:** Kinexys enables intraday repo settlement 24/7; traditional repo market closes at 3pm, making same-day settlement impossible.

**Q6.** Why did TradeLens (Maersk/IBM) wind down in December 2022?

- A) A critical smart contract vulnerability introduced during the 2021 platform upgrade that caused irreversible data corruption across all shipping manifests stored on the Hyperledger Fabric nodes    B) Regulatory ban    C) IBM withdrew funding    D) Rival carriers refused to share data with competitor Maersk

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**Answer: B:** SDX is licenced by FINMA as both an exchange and central securities depository under Swiss DLT Act framework.

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A) MPC (Multi-Party Computation) distributing private key shards across geographically separated custodians   B) Multi-sig   C) Cold storage only   D) HSM-based custody

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**Q15.** What distinguishes permissioned from permissionless blockchain in the enterprise context?

- A) Permissioned is faster; permissionless is cheaper   B) Permissioned has known validators + privacy; permissionless has public composability   C) Permissioned requires tokens; permissionless does not   D) Permissioned blockchain is exclusively available to banks and financial institutions regulated by central authorities, while permissionless chains are legally required to remain open under international FATF Travel Rule provisions

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