#1. What is the primary benefit of using a blockchain for voting systems?

☐

Enhanced security and transparency

☐

Decreased privacy for voters

☐

Lower operational costs

☐

Slower data processing

☐

Centralized control

#2. What is the purpose of a "token standard" in blockchain technology?

☐

It defines the rules for creating and interacting with tokens

☐

It encrypts transaction data

☐

It adjusts the difficulty of mining

☐

It creates a digital signature

☐

It validates the consensus algorithm

#3. Which blockchain platform is known for its focus on facilitating decentralized autonomous organizations (DAOs)?

☐

Aragon

☐

Bitcoin

☐
Ethereum

☐
Ripple

☐
Stellar

#4. What is the role of a "validator set" in a proof of authority consensus algorithm?

☐

It determines which nodes are allowed to create new blocks

☐

It mines new blocks

☐

It creates and verifies smart contracts

☐

It facilitates peer-to-peer transactions

☐

It validates consensus rules

#5. What is the primary function of a "cross-chain bridge" in blockchain technology?

☐

It allows assets to be transferred between different blockchains

☐

It encrypts transaction data

☐

It adjusts the difficulty of mining

☐

It creates a digital signature

☐

It validates the consensus algorithm

#6. Which consensus algorithm aims to achieve consensus by allowing participants to vote on the validity of transactions?

☐

Proof of Authority (PoA)

☐

Proof of Burn (PoB)

☐

Proof of Work (PoW)

☐

Proof of Stake (PoS)

☐

Proof of Activity (PoA)

#7. What is the purpose of a "governance token" in a blockchain ecosystem?

☐

It allows holders to participate in decision-making processes

☐

It encrypts transaction data

☐

It adjusts the difficulty of mining

☐

It creates a digital signature

☐

It validates the consensus algorithm

#8. Which blockchain platform is known for its focus on enabling decentralized exchanges (DEXs)?

☐

Uniswap

☐

Bitcoin

☐

Ethereum

☐

Ripple

☐

Stellar

#9. What is the main advantage of using a private blockchain compared to a public one?

☐

Greater control over who participates

☐

High scalability

☐

Enhanced privacy

☐

Improved performance

☐

Open and transparent for anyone to join

#10. What is the purpose of a "plasma chain" in blockchain technology?

☐

It is a scaling solution that allows for faster transaction processing

☐

It encrypts transaction data

☐

It adjusts the difficulty of mining

☐

It creates a digital signature

☐

It validates the consensus algorithm

#11. Which blockchain platform is known for its focus on enabling decentralized finance (DeFi) applications and smart contracts?

☐
Avalanche

☐
EOS

☐
Stellar

☐
NEO

☐
Tezos

#12. What is the primary benefit of using blockchain technology in supply chain management?

☐
Enhanced transparency and traceability

☐
Decreased security risks

☐
Lower operational costs

☐
Faster transaction processing

☐
Centralized control

#13. What is the purpose of a "state channel" in blockchain technology?

☐
It enables off-chain transactions

☐
It encrypts transaction data

☐

It adjusts the difficulty of mining

☐

It creates a digital signature

☐

It validates the consensus algorithm

#14. Which blockchain platform is designed for creating and managing decentralized applications (DApps)?

☐

TRON

☐

Bitcoin

☐

Ripple

☐

Litecoin

☐

Cardano

#15. What is the main advantage of using a consortium blockchain compared to a public one?

☐

Greater transparency and trust among a group of known participants

☐

High scalability

☐

Enhanced privacy

☐

Improved performance

☐

Open and transparent for anyone to join

#16. In a blockchain network, what is the purpose of a "merkle root"?

☐
It is a cryptographic hash of all the transactions in a block
☐
It encrypts transaction data
☐
It adjusts the difficulty of mining
☐
It creates a digital signature
☐
It validates the consensus algorithm

#17. What is the function of a "decentralized exchange (DEX)" in the blockchain ecosystem?

☐
It allows users to trade cryptocurrencies directly with each other
☐
It encrypts transaction data
☐
It adjusts the difficulty of mining
☐
It creates a digital signature
☐
It validates the consensus algorithm

#18. Which blockchain platform is known for its focus on facilitating the creation of non-fungible tokens (NFTs)?

☐
Flow
☐
Bitcoin

☐

Ethereum

☐

Binance Smart Chain (BSC)

☐

Polygon

#19. What is the purpose of a "verifier" in a proof of stake consensus algorithm?

☐

To validate transactions and create new blocks

☐

To mine new blocks

☐

To create and verify smart contracts

☐

To facilitate peer-to-peer transactions

☐

To validate consensus rules

#20. What is the primary benefit of using a blockchain for identity management?

☐

Enhanced security and privacy of personal information

☐

Decreased transparency

☐

Lower operational costs

☐

Slower data processing

☐

Centralized control

Next

Results