1. What is the advantage of centralization?
   1. Lack of sovereignty
   2. One point of failure
   3. Efficiency
2. What is the disadvantage of decentralization?
   1. Sovereignty
   2. Inefficiency
   3. Fault tolerance
3. Who proposed the Bitcoin?
   1. Satoshi Nakamoto
   2. Vitalik Buterin
   3. Elon Musk
4. What does the Bitcoin use for the identity?
   1. Diffie-Hellman protocol
   2. Public Key Infrastructure
   3. Data Encryption Standard
   4. Elgamal
5. Which attack can the attackers apply for double spend?
   1. Sybil attack
   2. Man in the middle
   3. Denial of Service
   4. Impersonation attack
6. Which is the property of the cryptographic hash function?
   1. Collision resistance
   2. Reversible
   3. Non-repudiation
   4. Computationally Inefficient
7. What is not a property of the cryptographic hash function?
   1. Avalanche effect
   2. One-way function
   3. Preimage resistant
   4. Hash collision
8. What does the bitcoin apply for the transactions storage?
   1. MYSQL
   2. Merkle tree
   3. MongoDB
   4. Cassandra
9. Which is not advantage of the Merkle Tree?
   1. tamper-evident database
   2. efficient storage
   3. fast verification
   4. Relational database
10. Which digital signature is used by Bitcoin?
    1. RSA
    2. DSA
    3. ECDSA
    4. Elgamal