



LMS QUIZ
VII-SEMESTER (CSE Core)
BLOCKCHAIN TECHNOLOGY (CSE_4033)

Duration: 20-minutes

Student name	Reg no.	Section	Semester

Q NO.	Question	Marks
Q1	What does a miner do in a blockchain network? A. Stores cryptocurrency B. Validates and adds transactions to the blockchain C. Creates private keys D. Encrypts smart contracts	0.5M
Q2	Which feature of blockchain technology helps prevent double spending? A. Consensus validation of each transaction B. Off – chain payment channels alone C. Central bank clearing procedures D. Digital Signatures only	0.5M
Q3	A global fintech company, GlobePay, is developing a cross-border payments platform using blockchain. Their requirements include: High transaction throughput to support thousands of transactions per second. Low latency and near-instant finality, as delays could affect financial settlements. Operating in a consortium model where known banks and financial institutions act as validators. Strong fault tolerance and resistance to malicious or faulty validators within the consortium. Question: Which consensus mechanism best aligns with GlobePay's needs? A. Nakamoto Consensus Proof of Work (PoW) B. Proof of Work (PoW) C. Practical Byzantine Fault Tolerance (PBFT) D. Proof of Stake (PoS)	0.5M
Q4.	What is the legal status of smart contracts? A. They have no legal recognition B. They may be legally binding depending on jurisdiction and implementation C. They replace all traditional contracts D. They are always legally binding contracts	0.5M
Q5	What is a common challenge in blockchain development? A. Ensuring scalability and security while maintaining decentralization B. Lack of programming languages C. Limited use cases for blockchain D. Overreliance on centralized servers	0.5M
Q6	What process is used to create new cryptocurrencies in Bitcoin's blockchain? A. Tokenization B. Mining C. Proof of Authority D. Proof of Stake	0.5M

Q7	<p>Consensus algorithms aim to Question 7 options: (MAMCQ Multiple Answer Correct Choice Question)</p> <p>A. Maintain fault tolerance even with malicious actors B. Prevent double spending C. Ensure agreement on valid ledger state D. Eliminate network delays entirely</p>	0.5M
Q8	<p>What does the term “distributed ledger” imply in blockchain?</p> <p>A. Data is stored in a central server B. Data is stored offline C. Data can be edited by any participant D. Data is copied and synchronized across multiple locations</p>	0.5M
Q9	<p>What is a cryptocurrency?</p> <p>A. A physical form of money used in online transactions B. A digital or virtual currency secured by cryptography C. A centralized banking system D. A type of database encryption</p>	0.5M
Q10	<p>What is UTXO?</p> <p>A. United Texan Xerox Organization B. Union of Texas Operations C. Unspent Transaction Output D. United Transaction Office</p>	0.5M

Questions.	1	2	3	4	5	6	7	8	9	10
Answers.	B	A	C	B	A	B	A,B,C	D	B	C