BACHELOR OF TECHNOLOGY (CBCS) (2020 COURSE)
B.Tech.Sem - VIII Computer Science & Engineering : SUMMER : 2025
SUBJECT: ITC-VI: BLOCK CHAIN & DIGITAL CURRENCY

Day : Monday
Date : 02/06/2025

S-24354-2025

Time : 02:30 PM-05:30 PM
Max. Marks : 60

N.B.:

1) All questions are **COMPULSORY.**
2) Figures to the right indicate **FULL** marks.
3) Draw neat and labelled diagram **WHEREVER** necessary.

Q.1	Explain various block chain categories: Public, Private, Consortium.	**[10]**
	OR	
Q.1	What is distributed DBMS? What are the limitations of distributed DBMS?	**[10]**
Q.2	Explain core components of block chain in detail.	**[10]**
	OR	
Q.2	Explain permissioned and permission-less block chain.	**[10]**
Q.3	Explain Token with respect to crypto-currency.	**[10]**
	OR	
Q.3	Explain Bitcoin Mining in detail.	**[10]**
Q.4	Explain Unspent transaction output (UTXO) in detail.	**[10]**
	OR	
Q.4	Explain various types of accounts with respect to Ethereum cryptocurrency.	**[10]**
Q.5	Write a note on cloud based block chain.	**[10]**
	OR	
Q.5	Explain following block chain network protocol: **a)** Ripple **b)** Steller	**[10]**
Q.6	Explain any Health-Care related block chain use cases with suitable diagram.	**[10]**
	OR	
Q.6	Explain following block chain use cases: Voting and election.	**[10]**

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