



## Term End Examination

May/June 2024

### CET4007B - Blockchain Technology

Question Paper ID: 037553

<b>Faculty/School</b>	School of Computer Science and Engineering	<b>Term</b>	Semester VI
<b>Program</b>	TY B.Tech CSE	<b>Duration</b>	1 Hours 30 Minutes
<b>Specialization</b>	-	<b>Max. Marks</b>	40

#### Section - 1 (8 X 5 Marks)

Answer any 8 questions

1	What are the properties of Blockchain Technology?	5 marks	CO1	Remembering
2	Discuss various Wallets and blockchain clients.	5 marks	CO1, CO2	Understanding
3	Explain the types of blockchain with its suitable applications.	5 marks	CO1, CO2	Understanding
4	Illustrate blockchain transaction process, from initiation of transaction till end of transaction.	5 marks	CO1, CO2	Remembering
5	Compare various mining hardware technologies used in blockchain mining.	5 marks	CO2, CO3	Applying
6	What is Gas, Gas limit, Mining Pool, Reward, Main-net, with reference to Ethereum.	5 marks	CO2, CO3	Analysing
7	Discuss the Solidity – programming language used for smart contracts on the Ethereum platform with its features.	5 marks	CO2, CO3	Evaluating
8	Draw and describe EVM architecture.	5 marks	CO2, CO3	Remembering
9	Identify and state the attacks on Blockchain Technology.	5 marks	CO2, CO3	Understanding
10	Describe the Hyperledger Frameworks.	5 marks	CO2, CO3	Remembering

END OF QUESTION PAPER