SRM UNIVERSITY DELHI-NCR, SONEPAT

Registration No.:

MST-I (October-2022)
B. Tech (CSE) VII Semester

Subject Code: CBD 4001
Subject Name: Blockchain

Duration: 90 min
Max. Marks: 50

Note: Question Paper consists of two parts (Part-A and Part-B).
All Questions are compulsory in Part-A.
Answer any THREE Questions from Part-B

PART A:(10*2)

S.No	Question(s)	Course Learning Outcome
1.	What is Blockchain?	CLO1
2	What is Nonce?	CLO1
3.	What are Merkle trees?	CLO1
4	Write short note on Hashing Algorithm	CLO1
5	What do you mean by blocks in blockchain technology?	CLO1
6.	What is a Genesis Block?	CLO1
7.	What does provenance mean in blockchain?	CLO1
8	What is the avalanche effect in blockchain?	CLO1
9.	What is the consensus mechanism in blockchain?	CLO1
10	What is orphan block in blockchain?	CLO1

PART B:(10*3)

S.No	Question(s) (with Marks)	Course Learning Outcome
1	Explain in details about the different types of blockchain? (10)	CLO1
2	How blockchain is revolutionizing the traditional business network? Explain with example? (10)	CLO1
3	Explain in detail about the real-life use cases of blockchain technology (10)	CLO1
4	Explain the following: - (10) a) Public and Private key b) Distributed P2P Network	CLO1