

K. J. Somaiya College of Engineering, Mumbai-77

(Autonomous College Affiliated to University of Mumbai)

Semester: August-December 2022

In-Semester Examination

DE, III & IV
BCT

Class: LY B. Tech

Branch: Computer Engg.

Full name of the course: Block Chain Technology

Duration: 1hr.15 min

Semester : VII

Course Code: 2UCE714

Max. Marks: 30

Q. No	Questions	Marks	CO Mapped	BT Level
Q1 A	Discuss the elements of distributed computing in block chain technology.	05		
Q1 B	Discuss the elements of Cryptography in block chain technology.	05	CO1	UN
Q2 A	Justify the applicability of block chain technology in any sample application of your choice. (E.g. domains Electronic Health Records, Insurance, KYC, Land registry, E-Governance etc.) OR Discuss various salient features of block chain technology with respect to any application's need.	10	CO3	AN
Q3 A	Discuss the significance of the recent Merge of Ethereum to mining, power consumption, consensus and acceptance of block chain technology.	05		
Q3 B	Discuss block chain working principle with respect to mining and consensus	05	CO5	AP