

Total No. of Questions : 8]

SEAT No. :

**P6553**

[Total No. of Pages : 2

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**B.E. (Computer Engineering)  
BLOCKCHAIN TECHNOLOGY**

**(2019 Pattern) (Semester - VII) (End Semester) (Elective) (410243)**

*Time : 2½ Hours]*

*[Max. Marks : 70*

*Instructions to the candidates:*

- 1) *Attempt Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8.*
- 2) *Figures to the right side indicate full marks.*
- 3) *Neat diagram must be drawn wherever necessary*
- 4) *Assume suitable data if necessary*

**Q1) a) Explain any two** **[6]**

- i) R3
- ii) Ethereum
- iii) Hyperledger
- iv) Corda

b) Explain Proof of work with example. **[6]**

c) What is Byzantine General Problem? Explain its significance. **[6]**

OR

**Q2) a) Explain any two Blockchain platforms.** **[6]**

- i) Public
- ii) Private
- iii) Consortium

b) Explain proof of stake with example. **[6]**

c) What is consensus in Blockchain? **[6]**

**Q3) a) Discuss the concept of Cryptowallets?** **[6]**

b) Discuss types of cryptocurrency? **[6]**

c) What is Metamask? **[5]**

OR

**P.T.O.**

