

# Amrutvahini College of Engineering, Sangamner

## Department of Computer Engineering

### Assignment Exam (Sem 1, 2025-26)

Class: B.E. Computer Engg.

Subject: Blockchain Technology (410243) Assignments

Assignment No	Question	Questions	Mark	CO	PO	PSO	BT Level
No. 1	Q. 1	Explain Elliptic curve cryptography?	7	1	1	1	3
	Q. 2	Explain SHA algorithm?	8	1	1	1	3
No. 2	Q. 3	Explain layers of blockchain? __ Explain Actors in Blockchain Technology?	7 8	2 2	2 1	1	3
	Q. 4	Explain Actors in Blockchain Technology?				1	3
No.3	Q. 5	Differentiate between public and private blockchain?	7	3	1, 2	2	4
	Q. 6	Explain Bitcoin and Ethereum?			1	1	3
No.4	Q. 7	Explain any two cryptowallets?	7	4	1, 2	1	3
	Q. 8	What are digital tokens?	8	4	1, 2, 3	1	2
No.5	Q. 9	Write a short note on EVM?	7	5	1	1	2
	Q. 10	Enlist and explain three types of ethereum networks?			1	1	3
No.6	Q. 11	List and explain the applications of blockchain technology?	7	6	1, 2	1	3
	Q. 12	What are the important challenges in adopting blockchain technology in the healthcare domain?	8	6	1, 2	1,2,3	2