ARYA College of Engineering (ACE)

(Affiliated to RTU | Approved by AICTE, New Delhi)

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Fundamentals of Blockchain (5AID5-11)

Assignment: 1

1. Explain the overview of blockchain in detail.
2. Explain the concept of the Double-Spend problem in detail.
3. Explain Byzantine General's Computing Problem with its solution of Byzantine Fault Tolerance.
4. What do you understand by Asymmetric Key Cryptography?
5. Explain hashing.
6. Write the difference between centralized, decentralized and distributed systems.
7. What is the consensus mechanism in blockchain?

Department of AI & DS
B.Tech 3rd Year (Vth Semester)