1. Define cryptography , explain symmetric key cryptography and asymmetric key cryptography
2. Explain types of attack can be possible in cryptosystem
3. Explain RSA encryption, Decryption algorithm and its advantages
4. Demonstrate the characteristics of Elliptic Curve Cryptography (ECC), Encryption and Decryption and it can be used as a digital signature
5. Explain Hashing and write short notes on SHA-256
6. Explain Message Authentication Code (MAC) for both cases Authentication and Confidentiality obtained.