

ASSIGNMENT NO 2

Date of Submission: 18/10/24

CO:CO2,CO3,CO5,CO6

1. Alice chooses public key as (7,33) and B chooses public key as (13,221). Calculate their private keys. A wishes to send $m=5$ as a message to B. Show the message signing and verification using RSA Digital Signature.
2. Explain IPsec Architecture and Protection Mechanism of AH and ESP
3. Explain SNMP v3 in detail.
4. Write a note on VPN.
5. Explain different protocols involved in SSL.
6. Explain NAC and principle elements of NAC.
7. Explain Firewalls and its classification.
8. Define and classify different types of IDS.