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Assignment 1

Explain elaborately the Hill cipher with neat example. (Use Assignment answer sheet)

Assignment 2

Explain elaborately the Message Digest with neat Diagram. (Use Assignment answer sheet)

CAE 1

Explain the model for network security with neat diagram. (CAE 1 – Mohnish Devaraj)

What is random number. Explain Blum Blum shub generator with example. (CAE 1 – Mohnish Devaraj)

What is DES? Elaborate the working of DES with necessary diagrams. (UNIT 2 \_ PPT\_The Data Encryption Standard)

CAE 2

In a public key system using RSA, you intercept the cipher text C=10 sent to a user with an algorithm description whose public key is e=5, n=35. What is the plain text? Explain the above problem (CAE 2 – Mohnish Devaraj)

Users A and B use the Diffie-Hellman Key exchange technique with a common prime q=71 and a primitive root 𝛼 = 7. If the user A has private key XA=5, what is A’s public key YA?. Justify your answer. (39110373\_HARIHARAN B P\_NET SEC 2)

What is authentication? Explain the MD5 with neat diagram (CAE 2 – Mohnish Devaraj)

Explain x.509 certificate in detail. What is the cryptographic method used in x.509 certificate (UNIT 4\_X.509 Authentication\_ME)