

# Lab SEE Question Paper

Marks Distribution :

Write up 5 + 5 Marks

Execution 15 + 15

Marks

Viva 10 Marks

Total 50

## Part A

1. Perform encryption, decryption using the Caesar cipher substitution techniques
2. Perform encryption, decryption using the Monoalphabetic cipher substitution techniques
3. Implement Diffie-Hellman Algorithm to establish a shared secret between two parties that can be used for secret communication to exchange data over a public network.
4. Implement key generation process using Elliptic curve cryptographic function
5. Perform encryption, decryption using the Vigenere cipher (Polyalphabetic) substitution techniques

## Part B

1. Write a program to demonstrate the working of Feistel Cipher algorithm
2. Perform encryption, decryption using the Hill Cipher substitution techniques
3. Perform encryption, decryption using the Playfair cipher substitution techniques
4. Implement key generation technique used in Data Encryption Standard (DES)
5. Implement Encryption, decryption using RSA

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