

CNS 7th Practical Viva ANS

1.) Why DES algorithm is called Block cipher algorithm?

Ans.1) DES is called block cipher because it encrypts data in blocks of size of 64 bits each, which means 64 bits of plain text go as the input to DES, which produces 64 bits of ciphertext.

2.) What is key size in DES?

Ans.2) The DES algorithm uses a key of 56-bit size.

3.) What are disadvantages of DES?

Ans.3) Disadvantages of DES are its small key size, susceptibility to brute-force attacks, and vulnerability to advances in cryptanalysis, rendering it insufficient for contemporary security standards.