

CNS 8th Practical Viva ANS

1.) What is Concept of co-prime?

Ans.1) Co-prime numbers are pairs of numbers that do not have any common factor other than 1.

2.) What is GCD in Cryptography?

Ans.2) GCD is known as the greatest common divisor, or greatest common factor (gcf), and is the largest positive integer that divides into two numbers without a remainder. GCD is used in many encryption algorithms.

3.) What is Euler's Totient?

Ans.3) Euler's Totient is a multiplicative function, meaning that if two numbers m and n are relatively prime, then $\phi(mn) = \phi(m)\phi(n)$