

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 use of GCD in Cryptography?

Ans.2) The GCD is used for a variety of applications in number theory, particularly in modular arithmetic and thus encryption algorithms such as RSA.

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 $\phi(mn) = \phi(m)\phi(n)$