CNS 9th 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 Chinese Remainder Theorem in Cryptography?**

**Ans.2)** The CRT is used in several cryptographic systems to generate and verify digital signatures.

**3.) What is concept Chinese Remainder Theorem?**

**Ans.3)** The Chinese Remainder Theorem is a principle of number theory that states, provided the divisors are pairwise coprime, that if one knows the remainders of the division of an integer n by a number of other integers, one can uniquely determine the remainder of the division of n by the product of these integers.