

2nd Assignment

**SUBJECT: CRYPTOGRAPHY AND NETWORK SECURITY
(MCSE4-206)**

Q 1: Write the difference between public key, private Key, secret, shared key.

Q 2: Describe primality testing. Test whether 221 is prime or not by using this test.

Q 3: What is DES? Elaborate on the various modes of operation for DES. Also, discuss the detail of each round of DES.

Q 4: What basic arithmetical and logical functions are used in MD-5?