

Cryptography

(CSC 421)

Assignment 2



Submitted By-

Your Name

University Number: **123456**

Submitted To-

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Instructions:

- Draw diagrams wherever relevant. Explain your notations explicitly and clearly.
- An incomplete assignment is NOT acceptable for submission.
- Once you submit your assignment, you will be expected to answer all the questions there INDEPENDENTLY. You may be asked to answer any question of the assignment in the class.

Q1. Encrypt the message “Shaqra University” using Caesar Cipher with key 5.

Q2. Draw and explain Single round of DES.

Q3. Which parameters affect RC5 algorithm? Explain RC5 encryption and decryption process.

Q4. Explain MD5 Hash Algorithm.

Q5. What is KDC? With the help of diagram explain how KDC do key distribution.