Lab 06 – Cryptography and Symmetric Key Algorithms

Objective: Answer each question.

Questions

1. What is the major obstacle preventing the widespread adoption of one-time pad cryptosystems to ensure data confidentiality?

2. Encrypt the message "I will pass the CISSP exam become certified next month" using columnar transposition with the keyword SECURE.

3. Decrypt the message "F R Q J U D W X O D W L R Q V B R X J R W L W" using the Caesar ROT3 substitution cipher.