Additional questions about cryptology.

1. Encrypt the following message using the Caesar cipher with shift +13.

   FORGOT PASSWORD

2. Decrypt the following message which was encrypted using the Caesar cipher with shift +5.

   LTTI QZHP

3. Encrypt the following message using the decimation cipher with key $k = 15$.

   WHERE AT

4. Suppose you have public key $N, e$ and private key $d$. I want to send you the message $M$ using the RSA algorithm.

   (a) How should I encrypt my message to send to you?

   (b) How will you decrypt my encrypted message?