Note: *Answer of all questions. (10) Marks for each question.*

**Q1/** Write a complete program for *Prime number test*.(In any language)

**Q2/** Encrypt the message "IRAQI" using the ELGamal public key algorithm.

**Q3/** Explain the following in detail *(Choose Only One)*
  - RSA encryption algorithm *(With Example)*
  - Feal encryption algorithm.

**Q4/** Write the RC5 algorithm. *(Encryption only)*

**Q5/** Give your opinion to enhancement DES algorithm.

Good Luck