Quiz 6 student name:

1: 10 what’s the difference between Public key and Symmetric key? Why do we need public key method?

2: 5 what did those guys do to contribution greatly to public keys invention?

3: (15) What is Diffie\_Hellman Key Exchange (math formula)? How to explain it in a public key exchange? (which can be consider public key, which can be consider private key)

4: (15) what is the real public key exchange? How does it work? (no detail in math part, but with formula)

5: 25 what is man-in-the-middle attack? (explain it in a little tech detail, such as describe which key is used to do this attack and why it can be succeed).

6: 15 how to defend the man-in-the-middle attack? How does it work? Which lab section is designed for it? (You can use our lab to describe how the defense work)?

7: 15 what is the disadvantage of public key? What is it used mostly for what encryption? Why?