

## **8.6 Question 6**

### **8.6.A What are the advantages of IKE key determination over the Diffie-Hellman key exchange algorithm.**

An advantage of IKE would be that it prevents the use of clogging attacks and in order to counteract replay attacks nonces are used. Furthermore, by authenticating the exchanges Man-in-the-Middle attacks are made more difficult. Lastly, it is possible to negotiate a group and enable the exchange of DH public keys.