

ITS 413 – QUIZ 7

First name: _____ Last name: _____

ID: _____

Total Marks: _____

out of 10

Question 1 [3 marks]

- a) IPsec in tunnelling mode can be used to create a Virtual Private Network from your Home PC to a company network. Draw a diagram that shows the Home PC, Company Router and Company PC, and indicate on the diagram:
 - a. Tunnel end-points
 - b. The traffic that is encrypted
- b) Explain the advantage of using IPsec in tunnelling mode for a VPN, as opposed to using IPsec end-to-end (transport mode).

Question 2 [3 marks]

List an advantage and disadvantage of using symmetric servers (as compared to asymmetric servers) in an instant messaging architecture.

Advantage:

Disadvantage:

