

ITS 413 – QUIZ 1

First name: _____ Last name: _____

ID: _____

Total Marks: _____

out of 10

Question 1 [7 marks]

- | | | |
|---|------|-------|
| a) Plesionchronous Digital Hierarchy (PDH) provides higher data rates than Synchronous Digital Hierarchy (SDH). | True | False |
| b) Asynchronous Transfer Mode (ATM) is an example of a packet switching based core network technology. | True | False |
| c) ADSL is a point-to-multipoint network technology. | True | False |
| d) If data rate was the primary factor, you would choose X.25 (instead of Frame Relay or ATM) for a core network. | True | False |
| e) The advantage of coaxial cable (versus optical fibre) for Internet access is that cable networks use of the existing Public Switched Telephone Network (PSTN). | True | False |
| f) WiMax can be used for fixed point-to-point wireless links | True | False |
| g) GPRS is an example of 3G mobile telephone system. | True | False |

Question 2 [1 mark]

Name three wired access network technologies.

Question 3 [1 mark]

Excluding cost, list three factors that are important when considering the design of wireless networks.

Question 4 [1 mark]

In the past, SIIT had an DSL connection between Bangkadi and Rangsit. List two alternative technologies which would be suitable for this link.