

CSE3020 Network Technology

Semester 1, 2004

Tutorial 9 -Week 10

Question T9.1 - Briefly describe the fundamental differences between packet switching and cell switching.

Question T9.2 - Explain how ATM is able to achieve very high data rates.

Question T9.3 - With the aid of sketches, briefly explain what is transmission paths (TPs), virtual paths (VPs), and virtual channels (VCs).

Question T9.4 - What are the advantages of the use of virtual paths?

Question T9.5 - With the aid of sketches, briefly explain the call establishment process in the ATM network.

Question T9.6 - Sketch the format of an ATM cell. List and briefly explain the fields in the ATM cell.

Question T9.7 - Briefly explain the categories of attributes defined in the ATM quality of service.

Question T9.8 - List and briefly define the ATM service categories.

Question T9.9 - What services are provided by AAL?