

## CS5248 Systems Support for Continuous Media Quiz 2

(18 Sep 2007)

Answer ALL questions in the space provided. Please state your assumptions (if any) clearly.

1. For multimedia stream transport, RTP on top of UDP is the commonly preferred method to send media data. However, an adaptation of the transmission/encoding rate is often used to make RTP/UDP streams more “TCP-friendly.” Now consider an application that uses RTP over TCP.

(a) Describe two advantages of using RTP/TCP compared with TCP-friendly RTP/UDP. Justify your answer.

(b) Describe two disadvantages of using RTP/TCP compared with TCP-friendly RTP/UDP. Justify your answer.