Reading: Class notes and Hayes/Babu sections 4.1, 4.3, 4.4

1. Six statistically identical traffic streams each have an arrival rate of 75 packets per second. Every packet is 80 bytes long. Compare mean queuing delay and mean total delay for the following four scenarios: unslotted FDM with each channel having bit rate 64 kb/s; fixed-slot TDM on a channel with bit rate 384 kb/s; statistical multiplexing of all packets on single slotted channel with bit rate 384 kb/s; statistical multiplexing of all packets on single unslotted channel with bit rate 384 kb/s; Present your results as a table or graph.