

CS422 - Quiz 4

Name: _____

Purdue Email: _____

1. **True** and **False** questions.

(a) (2 points) **T** Store-and-forward is the key paradigm used in packet switching.

(b) (2 points) **F** Traditional WAN architecture uses a flat addressing scheme.

(c) (2 points) **T** Most modern WANs separate a packet switch into two parts: a layer 2 switch that connects local computers and a router that connects to other sites.

(d) (2 points) **F** The next-hop forwarding paradigm depends on the packet's original source or on the path the packet has taken before it arrives at a particular packet switch.

(e) (2 points) **T** Link-state routing uses Dijkstra's algorithm.