- " False, Lifts are flooded throughout the entire OSPF area to ensure that all routers have a consistent and up-to-date view of the network topology.
- 2. A Biff router determine the shortest path based on the following order of auxilians:

  weight -> local perference -> A3 path length -> origin path -> MED -> ebalover iBGP

  -> IGP Metric
- 3. Beause UPPs feature > simplicity, low latency, resource efficiency.

(a)  $x \leftrightarrow w \ni z$ ,  $x \leftrightarrow y \ni z$ ,  $x \leftrightarrow u \ni min(z+5, s+6, z+z+6, s+z+5) = 7$ (b) if c(x,w) decrease or c(x,y) decrease in May cause the shortest path of  $x \leftrightarrow u$  decrease  $\Rightarrow vpdate$