# Extra Credit – Maximum 10 Points towards the Exam 1 Grade

## Find 5 different DSL technologies which provide the service over copper wires and list the as many of the following specifications for each:

### Distance

### Speed(s)

### Symmetrical or Asymmetrical with regard to speeds

### Upstream and Downstream speeds

### Modulation used to carry the signals

### Is the Layer 1 transmission Analog or Digital?