1.) An analog system that carried voice signals until the 1970s in which it started carrying

computer data signals.

3.) A local loop connects customers and central offices

4.) A local access transport area is a geographic area that is the area signified as local area

calls, anything outside of that and the call is classified as long-distance.

8.)

9.) A 56-kbps modem is able to transmit higher data speeds than 33.6-kbps modem

10.) Since data is sent to a home in analog signals, when it gets to a house or business it

can’t reach 56 kbps because of noise that accompanies the use of copper wire.

12.) The highest transfer speeds of cable modem systems is near 100 Mbps. A cable

modem simply is a device that takes in the the coaxial cable from the cable company and separates the computer data from the cable tv signals.

15.) Since T-3 is multiple T-1s together then the same qualities that T-1 has are also in T-3

only more expensive.

19.)

22.) The carrier is allowed to drop any of the excess information is the frame rate is pass the

limit.

27.) Computer-telephony integration can be applied for Unified messeging, interactive voice response, Integrated voice recognition and response, Fax processing, text-to-speech, third-party, PBX graphic user interface, Call filtering, and customized menuing systems.

28.) The internet