

IT Fundamentals Guided Notes (ANSWER KEY)

Lesson 2.1.1 - Input Output Interfaces

1. What is the common name for an RJ-45 port?

An ethernet port

2. In more rural areas of the country, what type of port may be used to connect to the Internet?

An RJ-11/telephone port

3. What are some uses of NFC?

Answers may vary, some examples include:

Wireless charging

Apple Pay

AirDrop/Nearby Share

4. What are the differences between Bluetooth and Wi-Fi?

Bluetooth is used for short-range data transfer between devices whereas Wi-Fi has a longer range and is used to connect to the Internet

5. What are the maximum transfer speeds for USB 2.0? 3.0? 3.1?

USB 2.0 is 480 Mbps

USB 3.0 is 5 Gbps

USB 3.1 is 10Gbps

6. What is Apple's successor to FireWire and what is its maximum transfer speed?

Thunderbolt and its maximum transfer speed is 40 Gbps

7. What type of communication do wireless keyboards and mice with USB receivers use?

RF, or Radio Frequency

8. Does VGA use an analog or digital signal?

VGA uses analogue signaling

9. Match the maximum speed with the correct connector

A.HDMI 1.3	E	7.92 Gbps
B.HDMI 2.0	A	10.2 Gbps
C.DisplayPort 2.0	B	18 Gbps
D.Mini-DisplayPort	D	21.6 Gbps
E.Dual-link DVI	C	77.37 Gbps