**DV500\_4\_SAS On Connecting Mobile Devices**

**Self-Assessment Sheet**

* **What does USB stand for?**

UNIVERSAL SERIAL BUS

* **What are USBs used for?**

high speed wired communication

used for charging and data transfers

* **What type of plug are we seeing less of on laptops?**

USB type A, mini USB

* **What is NFC?**

Near field communication

* **What does NFC do?**

Sends small amount of data wirelessly over limited area

* **Give an example of NFC?**

ID card communicating with sensor to unlock electronic door

Using a phone to give payment at a store wirelessly without physically touching anything.

* **What method is the most used in mobile device connectivity?**

Bluetooth

* **What are examples of mobile hot spot?**

A smartphone that uses cellular connection to share with other devices creating a portable WIFI.

USB modems that can connect to a laptop or computer. They may have WIFI hotspot features in them.

* **What device uses lightning connection?**

Apple iphones / ipads

* **What interface was used before USB?**

DB-9/DE-9

* **What connection has nine pins?**

DB-9/DE-9/RS232

* **Sometimes DB-9 is referred to as?**

DE-9

* **What replaced DB-9?**

USB

* **If you have an older device, it may be connecting over USB with what type of USB?**

mini-B USB plug

* **Many of today’s mobile devices connectivity will use which USB?**

Type C

* **What type of signals can USB-C plug send?**

Can send displayport signals, HDMI video/audio, thunderbolt data.

* **RS232 is associated with what type of interface?**

DB-9 / DE-9 interface

* **Is mobile hotspot free on all devices?**

No, depends on phone type and provider. Additional costs may enable hotspot access.

* **What is 802.1?**

Standards developed my IEEE for WIFI. It allows wireless communication for devices on a network. There are multiple standards.