**9DV500\_2\_SAS On Laptop Hardware**

**Self-Assessment Sheet**

1. **What does it mean to be modular?**

Ans Battery is included this is modular.

1. **What type of battery technology do we use today?**

Ans lithium lon and lithium polymer

1. **What happens each time you charge a battery?**

Ans Memory effect

1. **What is one advantage to using a modular battery configuration?**

Ans Add fresh battery. Unplug old and plug new battery.

1. **True or False? lithium-ion batteries are designed to be 80 percent charged.**

Ans true.

1. **True or False? In lithium-ion batteries, discharging some of the battery and charging it back up again you have to worry about causing a effect on memory or limiting the amount of capacity that battery might have.**

Ans True

1. **Where are all the programs that are executing in your operating system executing?**

Ans Keyboard

1. **What does SO-DIMM stand for?**

Ans Small outline Dual in line Memory Module.

1. **Where is SO-DIMM usually used?**

Ans Memory used in Laptop and Mobile Devices.

1. **Are you able to change/upgrade memory for a device that has it soldered to the motherboard?**

Ans Need to Change Motherboard then upgrade Memory

1. **In what form do older laptops have storage in?**

**Ans Magnetic Disk**

1. **In what form do new laptops have storage?**

Ans SSD Solid State Drive

1. **What is one advantage of SSD?**

Ans Silent, Fast access time .

1. **What is one way you can migrate from a hard drive to an SSD**

Ans Install Operating System.

1. **What are some types of authentications?**

Ans Finger Print or Face Recognition

1. **What is one disadvantage of laptop keyboard?**

Ans No Numeric Keys

1. **What is NFC?**

Ans Near Field Communication

1. **What does NFC allow you to do?**

Ans Short Distance Networking

1. **Is m.2 a modular setup?**

Ans Yes

1. **M.2 interface on an SSD drive is larger than traditional SATA-connected SSD? True or False?**

Ans True