This assignment will allow students an opportunity to prepare for their upcoming test in Cybersecurity. Students are encouraged to use their notes or the learning management system (MICE) to answer the following questions.

**Define the following concepts as they relate to Cybersecurity**

* Binary
* Capacitor
* Desktop Computer
* Input
* Processing
* Mobile Device
* Notebook Computer
* Operating System
* Output
* Perihperals
* Power Supply
* Raster Image
* Surge Protector
* Storage
* Transfer Rates
* Vector Image
* Voltage Regulator

**Answer each question as fully as possible**

1. Explain the concept of file extensions (.docx / .html / etc)
2. Explain the concept of IoT and list 3 types of devices that would potentially be included in IoT
3. Compare and Contrast the following Windows Utilities
   1. Device Manager
   2. Driver Manager
   3. Internet Properties
   4. Network and Sharing Center
4. Compare and Contrast the following system software examples
   1. Firmware
   2. Operating System
   3. Utility Software
5. Compare and Contrast the different kinds of storage device types
   1. Hard Disk Drive
   2. Solid State Drive
   3. Optical Disc Drive
6. Explain the difference between hardware and software

**Be Prepared for the following concepts**

* Binary Conversions
* Connection Types