

## **Exploring CS Mid-Term Review Jeopardy Questions & Answers:**

### **Computer Components**

Provides electricity to the components – What is the Power Supply?

Foundation of a Computer, which connects to all other components – What is the Motherboard?

Stores files and programs for long term – What is the Hard Drive?

Executes programs and processes data – What is the CPU?

Can be increased so more programs can be ran at the same time – What is the RAM?

### **Represented by**

Power (switches) on or off – What is in RAM or the CPU?

Magnetic positions North or South – What is in a Hard Drive?

Reflections off of Bumps or Pits – What is in a CD, CD ROM or DVD?

Represented by ASCII – What are Text Characters?

Represented by a collection of Pixels – What are Images or Pictures?

### **Online Security**

Length of a good Password – What is at least 8 characters? (according to our presentation)

Additional way to make your Password Secure – What is not writing it down, adding symbols, capitals & numbers, or adding more complex phrases?

When an email misrepresents a bank trying to get your account – What is Phishing?

A program that invades your computer to break it or gather your information – What is a Virus?

How to avoid Phishing – What is not using links in emails or strange pop ups?

How to continue to prevent Viruses – What is making frequent updates of your Anti-Virus software?

### **Internet & Search:**

Computers connected to the Internet that store the web pages and databases of websites – What are Servers?

A series of numbers that maps to the location of a website – What is an IP Address?

Smaller pieces of a larger file used to pass information on the Internet – What are Packets?

A program that tries to find all the pages of the world wide web – What is a Web Crawler?

Assembled list that catalogs information, like all the keywords of web pages for Search Engines – What is an Index?

### **Binary & More**

Binary for the decimal 2? What is 10?

Binary for the decimal 10? What is 1010?

Number of Binary Bits in a Byte – What is 8?

Makes the same Image be different Sizes – What is Data Compression?

Other information in a Word Document besides the text Characters – What is formatting, headers, links or images?

**Final Jeopardy:**

If you think that your online information or your computer has been accessed or invaded by malware, what can you do to minimize the damage?

What is: (any of these)

- Run an Anti-Virus software to remove the malware?
- Change your password to accounts that may have been captured?
- Notify your Bank and Credit Card Companies if that information has been accessed?
- Go to the Federal Trade Commission ID Theft website (<http://ftc.gov/idtheft>) for more instructions?

**Scoring:**

Computer Components	Data Represented by	Online Security	Internet & Search	Binary & More
\$100	\$100	\$100	\$100	\$100
\$200	\$200	\$200	\$200	\$200
\$300	\$300	\$300	\$300	\$300
\$400	\$400	\$400	\$400	\$400
\$500	\$500	\$500	\$500	\$500