

INTRO TO INFORMATION SYSTEMS AND TECHNOLOGY

MIS 213 – HYBRID



Mini Quiz - Hardware

Common Terms to know when purchasing Technology

Instructions

Complete this homework quiz on **Entropy**. You will be given 20 questions, 17 of out 20 will earn you a 100%.. It is a pass/fail quiz; you may continue to take the quiz until you pass up until the due date. (To complete, log into Entropy, select MIS 213 as your class and look for the Project 6 link below “Quizzes/Test currently available” and above the Calendar)

The project will be based on the advertisements on these two pages. Please review the basic components of a PC/Tablets and the units of measurements you should know when purchasing a PC ,Mac, or tablet. Sample questions appear at the end of this handout.

<p>Laptop 1 Dell Latitude 5590</p> 	<p>Laptop 2 Macbook Air 13”</p> 
<p>Processors 8th Generation 1.70GHz Intel i7 Quad Core processor with 6MB cache</p> <p>Operating System Windows 10 64-bit</p> <p>Display 17.3” Anti-Glare LED-Backlit Display (1600 x 900)</p> <p>Memory 8GB DDR3L</p> <p>Hard Drive 2.256 GB Solid State Drive</p>	<p>Processors 5th Generation 1.6GHz Intel Core i5</p> <p>Operating System OS X Yosemite</p> <p>Display 13.3-inch (diagonal) LED-backlit glossy widescreen display (1440p x 900p)</p> <p>Memory 8GB</p> <p>Hard Drive 128GB SSD</p> <p>Video Card Integrated Intel HD Graphics 6000</p>

<p style="text-align: center;">Apple Ipad Air</p> 	<p style="text-align: center;">Microsoft Surface Pro 4</p> 
<p>Processor dual-core Apple A7 1.3 GHz</p> <p>Memory Flash Memory 16-64 GB Integrated</p> <p>Display 10.5"</p> <p>Storage: 64 GB</p> <p>Camera 8.0 MP Back, 7.0 Front</p> <p>Wireless/Cellular Wi-Fi (802.11a/b/g/n), Dual Channel (2.4GHz, 5GHz), Bluetooth 4.0</p> <p>Video Output 1080p Video formats: H.264 video .m4v, .mp4, .mov, MPEG-4 .avi</p>	<p>Processor Intel Core i5, 4.1 GHz</p> <p>Memory 8 GB</p> <p>Display 12.3 Touch</p> <p>Storage 128 BG</p> <p>Camera 8.0MP rear camera, 5.0MP front camera</p> <p>Wireless Wif-fi (802.11ac), Bluetooth 4.0</p> <p>Video Output 1080p Full HD Video formats: Mpeg4, H.264, H.263, VC-1, Divx, VP8, WMV7/8, .mp4), wmv, avi, mkv, flv, webm</p>

Sample Questions

- Displays are described by:**
dpi; pixel pitch; gigabytes
- Which of the following is not a measurement of speed?**
5400rpm; GHz; GB
- How much RAM (Random Access Memory) do the laptops have? How does having more RAM benefit the user?**
- The tablet's cameras are measured in mp. The mp refers to?**
- What is a term on the processor that reflects some measurement of speed?**
- Which of the following is a unit of measurement for the hard drive?**
128GB; 5400RPM, 1080p
- Dots per inch are usually a measurement of quality on the?**
- (True/false) Higher pixels on a display/monitor will indicate a better image?**

Again to finish this assignment, go to Entropy and complete the Pass/Fail Quiz (listed on your main menu) as Project 6 (Under the Quizzes/Test Link)